### CLIL Module Plan

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School	IC TAIO	C TAIO								
School Grade	O Primary			•	Midd	le		O Hig	jh	
School Year	<b>©</b> 1		0 2		O 3		0 4		0 5	
Subject	Scienze	Scienze <b>Topic</b>				The hydrosphere and the properties of water				
<b>CLIL Language</b>	<ul><li>English</li></ul>					O Deuts	ch			

Personal and social-cultural preconditions of all people involved

TEACHERS: The project will be conducted by the teacher of science Annabella Vinci, who has achieved the English certification ESOL International Communicator B2 (on March 2015) and the CLIL certification with IPRASE (2015-2016). The science teacher will be supported in the classroom by a CLIL expert for one hour per week. The CLIL expert (Filippo Ziller) is a teacher at the primary school. He attended the TKT Course CLIL module (2014/2015) and the Trentino Primary Teachers CLIL course at NILE in Norwich (2017). The CLIL expert collaborated during the preparation and the correction of the material and the writing concerning the lesson plans. The art teacher and the technology teacher have supported the students during the realization of the posters and during the research on internet. The italian teacher took part during the realization of the third part of the project concerning the sketches (with the project "Prendersi cura di.... altri viventi"). CLASSROOM AND STUDENTS: The class (IC) is made up of 25 students with 13 boys and 12 girls. One student has got an emotional and psychological problem and he is certificated with PEI. He has good cognitive skills but he needs to be helped by a support teacher for 22 hours per week (of which two hours during the CLIL project in science). There is a student from Macedonia. She has always attended school in Italy. There is a student with PEP ( dysorthography ) The students are polite and the class environment is relaxed. However, there is a significant group of students with a weak approach to the expectations required by the school in terms of eagerness, organization of material, study, accuracy and responsability. They have showed a low level of concentration during the lessons and a lack of effort in activities and homework. During the fun and amusing activities part of the students have demonstrated passive behavior and lack of enthusiasm. Their approach has influenced the outcomes of the tests: they showe

Students' prior knowledge, skills, competencies

#### **Subject**

-Science Experimental scientific method -Graphic representation of data -The matter and its properties (mass, weight, density) -Atomic structure of the matter: atoms and molecules -States of aggregation of the matter and its characteristics - Heat and temperature and their systems of measurement -The passages of states

#### Language

The students of the 1C class have never attended CLIL lessons at primary school. Indeed, it is possible to observe a low level of English in terms of vocab., speaking skills and comprehension. At the middle school they started with a CLIL module in geography in the first part of the year. Starting from the second part of the year the class has been involved in the CLIL project in science and in a CLIL project in art. Most of the them are able to understand simple sentences of daily life. They are also able to interact using simple sentences or chunks, and to answer easy questions. GRAMMATICAL FUNCTIONS -Verbs: present simple and imperative. -Prepositions: of time, location and movement. -Frequency adverbs and adverbs of time -WH questions -Modal verbs -Adjectives -Indefinite pronouns LINGUISTIC FUNCTIONS: -Greetings -How to tell time -Ask information -How to ask and answer personal questions -Give instructions -Describing people and general things

### Description of teaching and learning strategies

The aim of the project is to learn science contents, as explained before, through the medium of the English language. Our goal is to introduce learners to new important science concepts, to improve learners' production of the language of science, to improve students' cognitive skills (LOTS and HOTS), to increase learners' confidence in English and to encourage them to express their ideas in a non-native language. For this reason students are asked to show interest and a positive approach to the lessons. The lessons provide didactic strategies such as: repetition, expressing concepts in other words, scaffolding in order to offer students a support they need and to encourage their participation, requesting feedback, use of mimic, use of code switching where it's necessary, use of images and visual support, use of glossaries, use of games and playful activities, use of computers. Some lessons are frontal with the use of Lim for visual support and for instructions. During the lessons students are asked to work individually, in pairs and in teams. For the peer activity the pairs are decided by the English teacher in order that students with good English abilities are paired with students who need support. For homework students are encouraged to reinforce the concepts and the vocab. learned during the lessons. They need to complete worksheets and answer questions. Almost each lesson starts with the correction of homework. That means we ask students to be responsible.

### Overall Module Plan

### Unit: 1

The Earth and its components: the hydrosphere and the water cycle

**Unit length:** 17 lessons; lessons per week: 3 - two of 95' and one of 60'

#### Lesson 1

**Project introduction** 

#### Lesson 2

How to work in a classroom

#### Lesson 3

Agreement and disagreement (the 3 hands)

#### Lesson 4

What is water for you?

#### Lesson 5

The Earth and its components

#### Lesson 6

Water on Earth

### Lesson 7

Pie charts

### Lesson 8

Pie charts - second part

### Lesson 9

Repetition through games

### Lesson 10

Repetition through games - second part

### Lesson 11

I Science test

#### Lesson 12

The water cycle

#### Lesson 13

The water cycle - second part

### Lesson 14

Preparation for the game of the goose

#### Lesson 15

Game of the goose

#### Lesson 16

Game of the goose - second part

#### Lesson 17

Water cycle poster

#### Unit: 2

Physical and chemical properties of water

Unit length: 13 lessons (11 hours of 60

minutes); lessons per week: 3

#### Lesson 1

(FOR THE MATERIAL LESSON 18) The water molecule and its chemical formula; Water as universal solvent

#### Lesson 2

(LESSON19) Water as universal solvent: experimental activity

#### Lesson 3

( LESSON 20) Chemical and physical properties of water

#### Lesson 4

(LESSON 21) Water pressure - Communicating vessels: experimental activity

#### Lesson 5

(LESSON 22) Oral examination; water identity card

#### Lesson 6

(LESSON 23) Water surface tension - Experimental activity

#### Lesson 7

(LESSON 24) Water surface tension-Homework - Groups divison

#### Lesson 8

(LESSON 25) Capillary action of water - experimental activity

#### Lesson 9

(LESSON 26) The property of capillarity

#### Lesson 10

(LESSON 27) Experimental activity: the colors of the rainbow

#### Lesson 11

(LESSON 28) Treasure Hunt game

#### Lesson 12

(LESSON 29) Revision fot the test

#### Lesson 13

(LESSON 30) II Science test

#### **Unit:** 3

Realization and playing of the sketches; schooltrip in the : "La casa dell'acqua" Museum

Unit length: 4 lessons

#### Lesson 1

(LESSON 31) Realization of some fun sketches: writing

#### Lesson 2

(LESSON 32) Realization of some fun sketches: writing - second part

#### Lesson 3

(LESSON 33) Realization of some fun sketches: playing

#### Lesson 4

(LESSON 34) School trip in Fondo (TN):the "Casa dell'acqua" Museum

Unit number1Lesson number1TitleProject introduction

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	1	Most students should be able to listen the teacher's presentation Getting acquainted to each other Encourage learners to formulate some questions using the "WH questions	Teacher presents himself to the class through a brief activity on the blackboard, as explained in the attached icebreaker activity "Get to know you" (U2_L1_ALL1.doc) Students: are asked to think some questions related to the information, in order to obtain more information about the new teacher Teacher: answers to the questions	Key vocabulary What; where; who; how; why; observe; tell  Communicative structures My name is; I live in; My hobby is; I'm years old; My favorite subject is	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L1_ALL2.ppt.pptx • U1_L1_ALL1.doc.docx  Blackboard	No assessment expected

2	15 minutes	(Students' talking witime: they are called to present themselves using a small black cardboard The aim is also to	Students: after writing some personal information on the black cardboard, each student is asked to present himself giving	L S R W  Key vocabulary Name; surname; address; town; city; street; age; favorite hobby	■ Whole class □ Group work □ Pair work □ Individual work	<ul> <li>U1_L1_ALL2.ppt.pptx</li> <li>U1_L1_ALL1.doc.docx</li> <li>Pencil and black</li> <li>cardboard, toothpick</li> </ul>	No assessment expected
		stimulating classroom environment	the following information: name, surname, age, location, favourite leisure activity	Communicative structures My name is; I live in; My hobby is; I'm years old; My favorite subject is			

3 20 Introduction of Teacher explains Skills Whole • U1 L1 ALL2.ppt.pptx No minutes the project "All the whole class assessment S R W you need is project: title, ☐ Group expected water" through a aims, work **Key vocabulary** PPT methodology, ☐ Pair work Project; aim; the (U1 L1 ALL2.ppt): tools. Students ☐ Individual components of the title, numbers of are expected to work Earth; the water cycle; lessons; listen carefully to experiments; explanation of the the teacher's CLIL introduction, Communicative methodology; asking some structures questions if it is content's aims and language's necessary aims; tools (pc, LIM, video, ppt, pen drives, files ecc.). The explanation will be done using L2 (if it necessary it will be use L1)

Unit number 1 Lesson number 2 Title How to work in a classroom

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	35 minutes	Create a simple poster with the main classroom' rules They should be able to read the flashcards and match them with the correct images (visual support) Students should be aware of the main rules Attributing; organizing;	Teacher: explains the instructions for the following activity Students: listen carefully to the teacher's instructions and ask questions if it is necessary Teacher: helps students during the activity: teacher elicits the meanings of some words using visual supports Students: work together as a group	Key vocabulary Rules, listen carefully, raise your hand, discuss to each other, respect the others, work together,pay attention, be quite, classmate  Communicative structures Imperative form (choose) What is?	■ Whole class □ Group work □ Pair work □ Individual work	U1_L1_ALL2.ppt.pptx     U1_L2_ALL1.doc.docx     PHOTO     POSTERCLASSROOM     RULES.pdf  Poster, color pencils, scissors, glue stick, images(visual support)	Assessment by observing their concentration and their way to work

2 10 minu	brief start of the ws: Question words exercise (U2_L2_ALL2.doc): to improve the use of WH questions and enhancing specific language structures Improving students' ability to use specific language's structure related to their daily life	the worksheet/homework (ws 2.1) Students: listen carefully to the	Key vocabulary Where; when; why; who; what; how much; how many;  Communicative structures What is?; Where is?; How is?; Where do?	□ Whole class □ Group work ■ Pair work □ Individual work	• U1_L2_ALL2.doc.docx ws 2.1	Assessment by observing their concentration and their way to work (next lesson will be start with the correction)
	(Wh- questions)					

3	5 minutes	Students are asked to create the "three hands" (green, yellow, red) used for the feedback at the end of the lesson (agreement, disagreement)	Teacher: available for help students Students: Listen carefully to the teacher's instructions for the homework (the students have to cut and color the three hands, read the statements, cut them with the	Skills  L S R W  Key vocabulary  Communicative structures	■ Whole class Group work Pair work Individual work	<ul> <li>U1_L1_ALL2.ppt.pptx</li> <li>U1_L2_ALL2.2.doc.docx</li> </ul>	Continuous assessment: participating skills (answering, asking questions, positive approach)
			hands, read the	structures			

Unit number 1 Lesson number 3 Title Agreement and disagreement (the 3 hands)

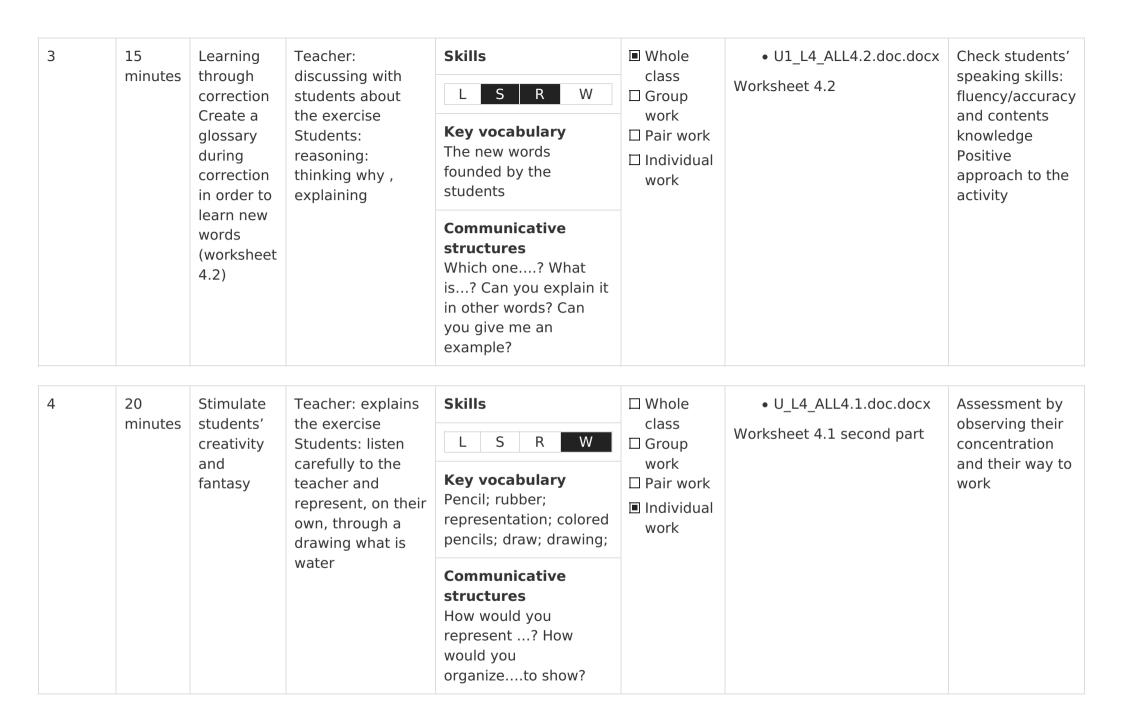
Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	20 minutes	Most students should listen carefully to the teacher in order to understand the program of the lesson Most students should improve their use of the WH questions	Teacher: presents the daily lesson with a PPT Teacher: manage the plenary correction Students: answer to the teacher questions related to the worksheet	Key vocabulary When, who, where, why,what, which, how much, how many  Communicative structures Can you read? What do you think? Which one?	■ Whole class Group work Pair work Individual work	• U1_L2_ALL2.doc.docx • U1_L3_ALL.ppt.pptx  PPT Worksheet U1_L2_ALL2.1.doc	Valuating homework: accuracy and precision Continuous assessment: participating skills: answering

2 40 Students are asked Teacher: **Skills** Whole • U1 L2 ALL2.2.doc.docx Continuous minutes to show the "three available for class • U1 L3 ALL3.1.doc.docx assessment: L S R W hands" (green, help ☐ Group • PHOTO THE THREE participating students work HANDS FOR THE FINAL yellow, red) in skills ☐ Pair work order to check the Students: FEEDBACK.pdf (answering, **Key vocabulary** homework: focused on asking ☐ Individual Worksheet Positive feedback: the task Students should be questions, work U1 L3 ALL3.1.doc negative feedback; able to share their positive Worksheet opinion; idea ideas and compare approach) U1 L2 ALL2.2.doc Scissors their choices and glue stick, three hands Communicative Students should be structures able to understand What is your feedback? the meaning of the What do you think statements and about? I like it: I don't match them with like it; It was funny; It is the three hands difficult; Please stop; I Students are asked need help; We can go to paste the on different sentences in the back of the three hands

Unit number 1 Lesson number 4 Title What is water for you?

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	5 minutes	Most students should know some words in order to complete the exercise Most students should be able to spell correctly	Teacher/s: ask students to read the exercise's instructions and explain them in other words if it is necessary Students: listen carefully and read the instructions Teacher/s: show students the example with the word "snow" in order to help them to grasp the	Skills  L S R W  Key vocabulary Crossword; worksheet; spelling  Communicative structures How do you spell? Can you spell?	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L4_ALL.ppt.pptx • U_L4_ALL4.1.doc.docx  Worksheet 4.1 PPT LIM	Assessment not expected
		the words	concept of the exercise				

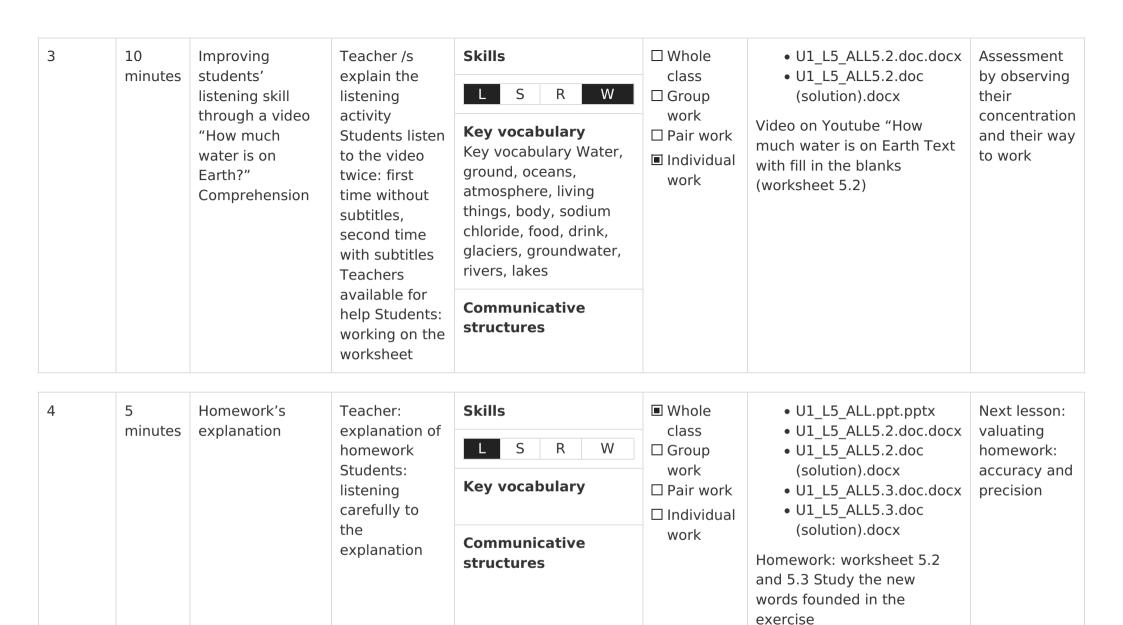
2	20 minutes	To activate possible prior knowledge and to stimulate their curiosity and creativity Elicit from the learners as many	Teachers:available for help Students: working on the worksheet	L S R W  Key vocabulary Words related to the topic of water  Communicative structures How do you say it in English? Is it correct? Is it right?	□ Whole class □ Group work □ Pair work ■ Individual work	• U_L4_ALL4.1.doc.docx Worksheet 4.1	Assessment by observing their concentration and their way to work in pairs
		learners as					



Unit number 1 Lesson number 5 Title The Earth and its components

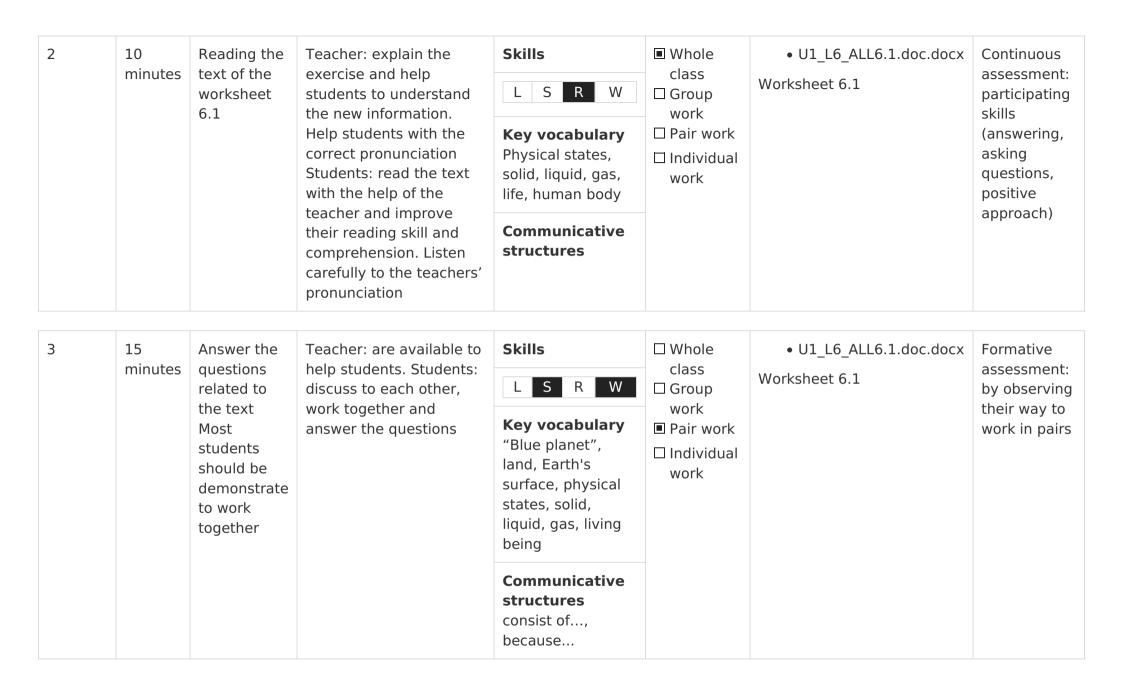
Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	10 minutes	Teacher through this activity elicits specific words needed for the following exercise students should be able to grasp the main vocabulary needed for the next exercise Improving students' ability	Teacher/s: presents the daily lesson with a PPT Teacher/s: has the aim to elicit the right words from the students using one image Teacher shows the image on the	Skills  L S R W  Key vocabulary Solid, liquid, gas, oxygen, carbone dioxide, surface, life, minerals, rocks, ocean  Communicative structures What is it? What can	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L5_ALL.ppt.pptx PPT LIM	Continuous assessment: participating skills
		to use specific language	whiteboard Students: are asked to interact with the teacher answering to the questions	you see? Can you describe it? What elements can you see? Can you name?			

2 20 Introduction of Teacher/s: Skills ☐ Whole • U1 L5 ALL5.1.doc.docx Assessment minutes the new topic: explanation of class by observing Worksheet 5.1 Scissors. L S R W "The Earth and the exercise ☐ Group their glue, pencil and available its components" work concentration **Key vocabulary** (worksheet 5.1) for help ■ Pair work and their way Atmosphere, Reinforce the Students: to work ☐ Individual lithosphere, working in concept of the work hydrosphere, words elicited in pairs on the biosphere, Earth, gas, the previous exercise oxygen, rocks, nitrogen, Exercise (worksheet 1) carbone dioxide, Students should Teacher/s: animals, plants be able to match discussing the sentences with students Communicative about the and the pictures structures in the correct answers of the Can you help me? What boxes Exercise previous does it mean? Can you correction exercise Help say it in other words? learners think about the answers Explanation Students: reasoning: thinking why describing explaining



Unit number 1 Lesson number 6 Title Water on Earth

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	15 minutes	Correction of the worksheet 5.2 and 5.3	Teacher: asks students to read the exercise and gives more explanation about the topic Students: read the text and ask questions about the topic	Skills  L S R W  Key vocabulary Specific words related to the hydrosphere	■ Whole class Group work Pair work Individual work	<ul> <li>U1_L5_ALL5.2.doc (solution).docx</li> <li>U1_L5_ALL5.3.doc (solution).docx</li> <li>Worksheet 5.2 Worksheet 5.3</li> </ul>	Valuating homework: accuracy and precision
				Communicative structures What's the meaning of? What is the? Can you give me an example? What is the percentage for? What is this?			



4	10 minutes	to practice the vocabulary studied so far and to stimulate students' interest	Teacher: ask students questions Students: answer the questions as fast as they can	Key vocabulary All the words studied in the worksheet 5.3  Communicative structures What is it?	■ Whole class □ Group work □ Pair work □ Individual work	<ul> <li>U1_L5_ALL5.3.doc.docx</li> <li>U1_L5_ALL5.3.doc         (solution).docx</li> <li>U1_L6_ALL6.2.doc.docx</li> <li>Vocab. Challenge game:         worksheet 5.3: memory         cards</li> </ul>	Continuous assessment: participating skills: answering
5	5 minutes	Three hands activity: like/dislike	Teacher' role: asking agreement/disagreement about the ended lesson Students' role: answering through the "three hands"	Skills  L S R W  Key vocabulary  Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L2_ALL2.2.doc.docx • U1_L3_ALL3.1.doc.docx  Three hands (green, yellow, red)	Assessment is not expected

Unit number 1 Lesson number		charts
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Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	15 minutes	Students should be able to reinforce (through correction) the main concepts and vocab. related to the topic, also remembering their previous knowledge (physical states of water)	Teacher/s: checks the covers of the students' notebooks Teacher/s: ask students to read the questions and the answers; give more explanation about the topic. Students: read the answers. Correct and integrate them if it is necessary	Key vocabulary 71%, Earth; 29%, land, "Blue planet"; physical states (solid,liquid, gas); 60-65%  Communicative structures Why do people call the Earth the "Blue Planet"?; What does indicate?; How many physical states does the water consist of?; Why is so important?	■ Whole class □ Group work □ Pair work □ Individual work	U1_L6_ALL6.1.doc.docx     U1_L7_ALL.ppt.pptx  Worksheet 6.1 Pen, pencils, rubber, notebook	Valuating drawing capability (related to the covers of the notebooks) and thoroughness in work (respect of deadline) Valuating homework: accuracy and precision in answering.

2	5 minutes	Introduction of the new	Teacher/s: explanation of	Skills	■ Whole class	• U1_L7_ALL.ppt.pptx	Assessment not expected
	minutes	activity "Let's	the next activity	L S R W	☐ Group	PPT LIM	not expected
		create our pie charts!"	through a ppt with simple instructions and images Students: listen	<b>Key vocabulary</b> Compass, goniometer, cardboard, scissors, ruler	work □ Pair work □ Individual work		
			carefully to the teacher	Communicative structures Imperative form: (you need, take your); Present continuous: (today we are going to do)			

and read the math symbols	explanation of some important math signs and symbols needed for the next activity	Key vocabulary Minus, equals, plus, times, point, degree, divided by, percent, brackets	☐ Group work ☐ Pair work ☐ Individual work	
	Students: listen carefully to the explanation. Read alone the worksheet 7.1	Communicative structures What does this symbol represent?; Can you read aloud this calculation?		

4	10-15 minutes	Most students should be able to understand the steps of the procedure (realization of pie charts: from	Teacher/s: provide the material (cardboards) for the pie charts and handout the worksheet 7.2 Students:	Skills  L S R W  Key vocabulary Cardboard, compass, material, ruler, goniometer	■ Whole class Group work Pair work Individual work	<ul> <li>U1_L7_ALL.ppt.pptx</li> <li>U1_L7_ALL7.2.doc.docx</li> <li>White carboards Pencil, compass, ruler, goniometer</li> </ul>	Assessment not expected
		percentages to degrees)	organize their own material Teacher/s: read and explain the work procedure in order to do the activity Students: listen carefully to the teachers' explanation	Communicative structures The first cardboard is used for what?; What is thestep?; How do you convert this percentage?; Present simple and imperative form;			

 Unit number
 1
 Lesson number
 8
 Title
 Pie charts - second part

Activity	Timing	Learning Outcomes	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
1	40 minutes	Creation of the pie charts about the water on Earth Improvement of students' capability to convert	Teacher: available to help students Students: focus on the construction of the pie charts: reading the instructions, calculating the formula, drawing and coloring the different sections of the pie charts, naming them	Skills  L S R W  Key vocabulary Amplitude; angle; degrees; convert; percentage; specific vocab.	☐ Whole class ☐ Group work ☐ Pair work ■ Individual work	U1_L7_ALL7.2.doc.docx     PHOTO_PIECHART.pdf  Worksheet 7.2 Cardboards Colored pencils Goniometer Scissors Compass	Formative assessment: by observing their way to work At the end of this lesson the science teacher will
		percentages in angles The pupils should understand and remember the information	with the correct names.	related to the topic  Communicative structures Is it correct?; I need help, please!; Can you			collect all the pie charts of the students to give a judgment shared with the teacher of
		related to the percentages) and the procedure to create the pie charts		help me please?;			technology

		students should improve their knowledge on mathematical symbols Most students should be able to create the three pie charts					
2	5 minutes	Peer correction Most students should be able to compare their pie charts and help each other	Teacher: available to help students Students: discuss to each other and compare their works in order to correct the pie charts Teacher: collect all the pie charts to give a mark	Skills  L S R W  Key vocabulary In my opinion; What do you think?;  Communicative structures	□ Whole class □ Group work ■ Pair work □ Individual work	Pie charts	Peer assessment

3	2 minutes	Three hands activity: like/dislike	Teacher/s role: asking agreement/disagreement about the ended lesson Students' role: answering through the "three hands"	Skills  L S R W  Key vocabulary	■ Whole class Group work Pair work Individual	<ul> <li>U1_L2_ALL2.2.doc.docx</li> <li>U1_L3_ALL3.1.doc.docx</li> <li>U1_L7_ALL.ppt.pptx</li> </ul> Three hands (green, yellow, red)	Assessment is not expected At the end of the lesson, the Science
				Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on	work		teacher tells to the students the date for the Science test (10 days later from this lesson)

Unit number1Lesson number9TitleRepetition through games

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	5 minutes	Most students should become aware of their mistakes	Teacher/s: handout the pie charts with the mark Students: check their pie charts	Skills  L S R W  Key vocabulary Pay attention to your mistakes; You should improve;  Communicative structures	■ Whole class □ Group work □ Pair work □ Individual work	Pie charts	Assessment for the practical work Criteria: accuracy in converting percentages in angles; accuracy in using the goniometer; accuracy in cutting and drawing

2	10	Explain the	Teacher/s: present	Skills	□ Whole	• U1_L9_ALL.ppt.pptx	Assessment
	minutes	planned activity and	the daily lesson with a PPT and	L S R W	class □ Group	• U1_L9_ALL9.1.doc.docx PPT LIM	not expected
		the tasks of the lesson: general repetition	explains the aim of the lesson Students: listen carefully to the teacher	<b>Key vocabulary</b> Explanation through a PPT	work □ Pair work □ Individual work		
		through three fun games for the test	Teacher/s: communicate to students the teams for the quiz game Students: choose a name (related to the topic) for each team	Communicative structures			
3	40 minutes	First activity: Quiz game. To review and to reinforce the topics cover so far (reference for the rules to the worksheet	Teacher: reads the questions and write the points on the blackboard for each team. Give the solutions Students: they discuss to each other and help the spokesman to give the correct answer	L S R W  Key vocabulary Team, captain, spokesman, discuss, teammate, button/bell All the main words and concepts studied in the previous lessons	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L9_ALL9.2.doc.docx Flashcards with questions (worksheet 9.2); button that has to be pushed to give the answer; blackboard to write the scores	Continuous assessment: participating skills (answering, asking questions, positive approach)
3		activity: Quiz game. To review and to reinforce the topics cover so far (reference for the rules to the	questions and write the points on the blackboard for each team. Give the solutions Students: they discuss to each other and help the spokesman to give	L S R W  Key vocabulary Team, captain, spokesman, discuss, teammate, button/bell All the main words and concepts studied in the	class Group work Pair work Individual	Flashcards with que (worksheet 9.2); bu has to be pushed to answer; blackboard	estions Itton that o give the

**structures**Reference to the questions of the worksheet 9.2

Unit number 1 Lesson number 10 Title Repetition through games - second part

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	20 minutes	Second activity: this second game has the same the rules of the previous activity. The aim is to review and to reinforce the topics cover so far (reference for the rules to the worksheet 10.1)	Teacher/s: manage the activity and write the points on the blackboard for each tem Students: listen and watch carefully to the video and answer to open and multiple choice questions	Key vocabulary Water, ground, oceans, atmosphere, living things, body, sodium chloride, food, drink, glaciers, groundwater, rivers, ball	□ Whole class □ Group work □ Pair work □ Individual work	• U1_L9_ALL.ppt.pptx • U1_L10_ALL10.1.doc.docx  Worksheet 10.1 Video "How much water is on Earth?" created with Edpuzzle Small blackboard for each team Felt pen/marker	Continuous assessment: participating skills (answering questions, positive approach)

Communicative	
structures	
How do you call	
the amount of all	
the water on	
Earth?; What is	
the percentage of	
water in our	
body?; What is	
the percentage	
for the land?;	
Where is most of	
the fresh water	
on the Earth	
trapped?; Where	
do you find the	
last 2% of fresh	
water?	

2	10 minutes	Third activity: Vocab. challenge game The aim of the third game is to practice the vocabulary studied so far and to stimulate students' interest.	Teacher: draws students' names from a box Students: challenge each other in answering the questions (related to the ws 5.3) posed by the teacher	Skills	■ Whole class Group work Pair work Individual work	<ul> <li>U1_L5_ALL5.3.doc.docx</li> <li>U1_L5_ALL5.3.doc     (solution).docx</li> <li>U1_L9_ALL.ppt.pptx</li> <li>U1_L10_ALL10.2.doc.docx</li> <li>worksheet 5.3-Memory cards</li> </ul>	Continuous assessment: participating skills (answering, positive approach)
				L S R W			
				Key vocabulary All the main words studied in the ws 5.3; stand up and sit down (reference to ws 10.2)			
				Communicative structures What is it?; You are right/wrong; It's correct			
3	5 minutes	The teacher says the winner team (summing all the points of the first two games)	Teacher/s: says the winner team and give a little gift to the winner team	Skills	■ Whole class Group work Pair work Individual work	• U1_L9_ALL.ppt.pptx	Teachers will give a little gift to the best team and to the winner of the vocab. challenge game; and recommend students to repeat and
				L S R W			
				<b>Key vocabulary</b> winner, team, congratulation, great job,			
				Communicative structures			

study for the

test

4	2 minutes	Thee hands activity: like/dislike	Teacher/s role: asking agreement/disagreement about the ended lesson Students' role: answering through the three hands	Skills  L S R W  Key vocabulary	class •	U1_L2_ALL2.2.doc.docx     U1_L3_ALL3.1.doc.docx  Three hands (green, yellow, red)	Assessment is not expected
				Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on			

Unit number1Lesson number11TitleI Science test

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	60 minutes	Most students should be able to complete the test Most students should demonstrate a good level of preparation Most students should be able to complete different type of exercises related to the topic of the first unit	Teacher: explains the exercises of the test also using L1 if it is necessary Students: listen carefully to the teacher and ask more explanations if it is necessary	Key vocabulary All the voc. And concepts studied so far  Communicative structures Imperative form: write; answer these questions; choose the right answer; fill in the blanks	□ Whole class □ Group work □ Pair work ■ Individual work	U1_L11_ALLTEST.doc -     solutions.docx     U1_L11_ALLTEST.doc.docx  FIRST CLIL SCIENCE Test	Summative assessment: at the end of the first module to identify possible problems and through which it's possible to check students' knowledge Students are allowed to answer also in Italian in the exercise number 3

Unit number1Lesson number12TitleThe water cycle

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1 5 minutes	_	Most students should understand the aims of the daily lesson	Introduction of the new topic: "The water cycle" Teacher/s: explains the new topic to the class Students: listen carefully to the teacher	Skills	■ Whole class Group work Pair work Individual work	• U1_L12-13_ALL.ppt.pptx PPT LIM	Assessment not expected
	minutes			L S R W			
				Key vocabulary			
				Communicative structures Today we are going to learn;			
2	20 minutes	Most students	Introduction of the new topic:	Skills	□ Whole class	• U1_L12_ALL12.1.doc (solution).docx	Formative

2	20	Most	Introduction of	Skills	□ Whole	• U1_L12_ALL12.1.doc	Formative
	minutes	students	the new topic:		class	(solution).docx	assessment:
		should be	"The water cycle"	L S R W	■ Group	• U1_L12_ALL12.1.doc.docx	by observing
		aware of the	Brainstorming		work	Worksheet 12.1-LIM	their way to
		different	activity to		☐ Pair work	WORKSHEEL 12.1-LIM	work and
		phases of	reinforce the		☐ Individual		their
		the water	phases of the		work		capability to
		cycle	water cycle				link their
		(already	Complete the				previous
		studied in	exercise about				knowledge to
		Geography)	the water cycle				the topic of

Most students should be able to name the different phases of the water cycle	(worksheet 12.1) Teacher/s: available to help students Students: (they should already now in Italian the different phases of the water	Key vocabulary Evaporation; transport; precipitation; groundwater; surface runoff; solar energy; infiltration; transpiration; condensation
	cycle) they have to complete the worksheet 12.1 about the water cycle and its phases Teacher/s: manage the plenary correction Students: are asked to go at the blackboard to answer to the teacher's questions related to the previous exercise	Communicative structures What is?; Can you identify?; Can you make a distinction between?; What is the function of?

3 45 Most Teacher/s: Skills ☐ Whole • U1 L12 ALL12.2.doc.docx Formative minutes students explain the new class • U1 L12 ALL12.2doc assessment: S R W should be activity and ☐ Group (solution).docx by observing able to available for help work their way to Worksheet 12.2 Scaffolding: **Key vocabulary** ☐ Pair work complete Students: Listen work picture glossary Video "Water ain; wind; returns; the carefully to the Individual cycle song" Scissors, glue stick, atmosphere; plants; "Water cycle sentences work pen, pencil water vapor; sun; about the song" Complete leaves; infiltrates; cool; the sentences of water cycle ground; clouds with the key the table 2 (ws evaporation; transport; words in the 12.2) Match the precipitation; boxes Most images with the groundwater; surface students correct sentences runoff; solar energy; should be Create the infiltration; able to flashcards transpiration; create the condensation; hail, flashcards droplet To heat; to run Aim: create off the flashcards Communicative related to structures the new Imperative form: topic complete...;match...

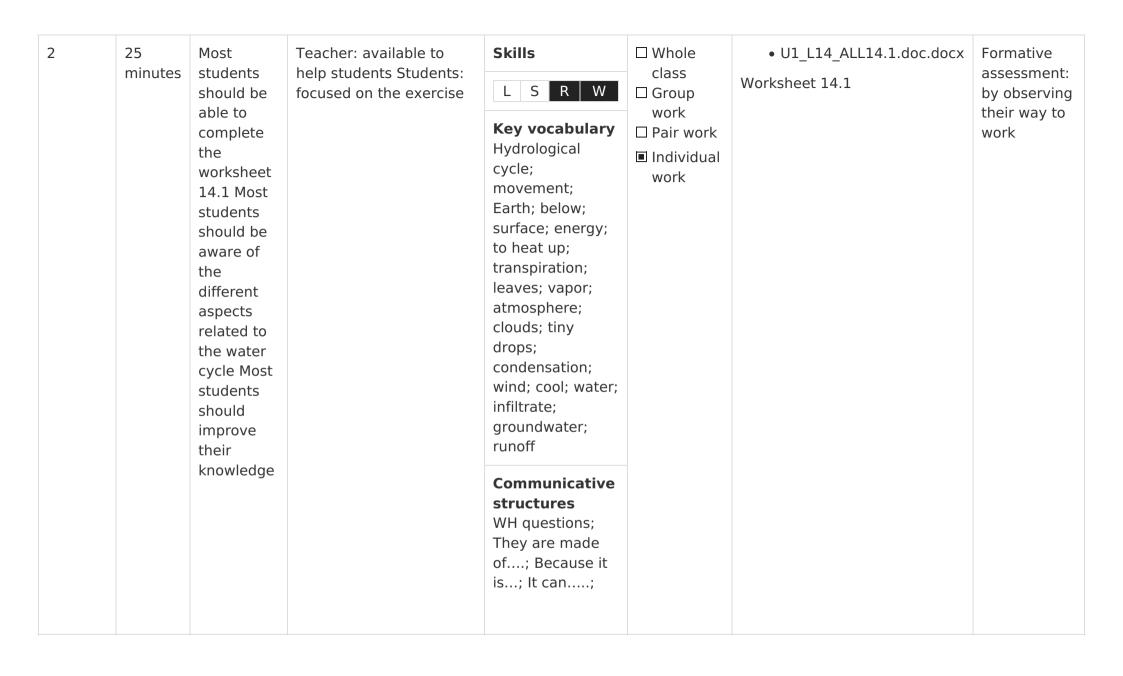
 Unit number
 1
 Lesson number
 13
 Title
 The water cycle - second part

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	10 minutes	Most students should be able to cooperate with others	Teacher/s: available to help students and check the flashcards Students: discuss together and help each other with the flashcards	Skills  L S R W  Key vocabulary  Communicative structures	□ Whole class □ Group work ■ Pair work □ Individual work	U1_L12_ALL12.2doc     (solution).docx     PHOTOES_FLASHCARDS     ABOUT THE WATER     CYCLE.pdf  flashcards	Peer assessment
2	5-10 minutes	Most students should understand the homework	Homework's explanation Teacher: explanation of homework Students: listening carefully to the explanation	Skills  L S R W  Key vocabulary  Communicative structures	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L12-13_ALL.ppt.pptx • U1_L13_ALL13.1.doc.docx  Homework: worksheet 13.1 PPT	Valuating homework: accuracy and precision next lesson

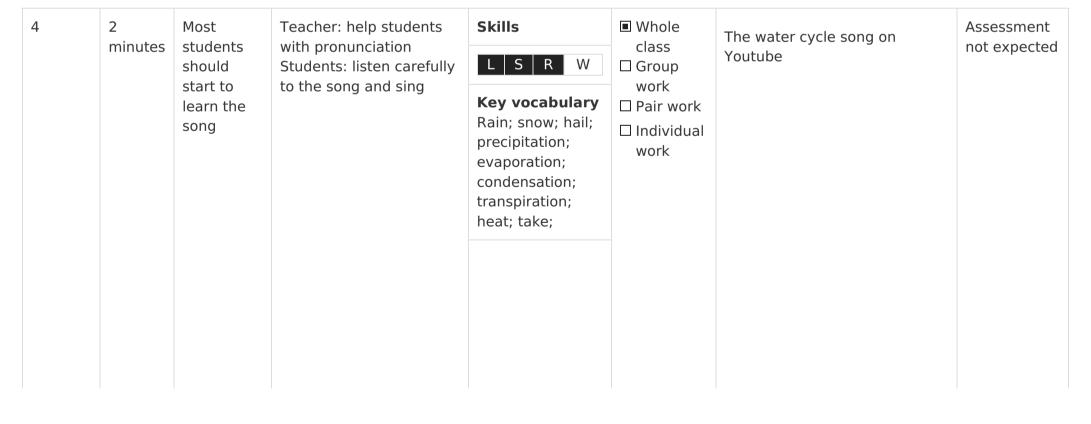
3	5 minutes	Most students should be able to give and express the feedback	"Three hands" activity: like/dislike Teacher' role: asking agreement/disagreement about the ended lesson Students' role: answering through the "three hands"	Skills  L S R W  Key vocabulary	■ Whole class □ Group work □ Pair work □ Individual	U1_L2_ALL2.2.doc.docx     U1_L3_ALL3.1.doc.docx  Three hands (green, yellow, red)	Assessment is not expected
				Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on	work		

Unit number 1 Lesson number 14 Title Preparation for the game of the goose

Activity	Timing	Learning Outcomes	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
1	15 minutes	Most students should be able to answer simple questions about the water cycle	Teacher: manages the correction Students: read their answers and write the correct sentences	Key vocabulary Water, driving force, process, change, total amount, physical states,  Communicative structures What happens if?; What's?; Why?; In my opinion; Because;	■ Whole class □ Group work □ Pair work □ Individual work	U1_L14_ALL.ppt.pptx     U1_L13_ALL13.1.doc     (solution).docx  Worksheet 13.1 Blackboard	Valuating homework: accuracy and precision



3	15 minutes	Most students should be able to correct and understand the mistakes	Teacher: manage the correction Students: answer to the teacher and reasoning	Key vocabulary Reference to the activity number 2 of the lesson 14  Communicative structures Reference to the activity number 2 of the lesson 14	■ Whole class Group work Pair work Individual work	• U1_L14_ALL14.1.doc (solution).docx  Worksheet 14.1	Continuous assessment: participating skills (answering, asking questions) and summative assessment
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5	3 minutes	Most students should be able to give feedback	"Three hands" activity: like/dislike Teacher' role: asking agreement/disagreement about the ended lesson Students' role: answering through the "three hands"	Skills  L S R W  Key vocabulary	■ Whole class Group work Pair work Individual work	• U1_L2_ALL2.2.doc.docx • U1_L3_ALL3.1.doc.docx  Three hands (green, yellow, red)	Assessment is not expected
				Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on			

Unit number1Lesson number15TitleGame of the goose

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	25/30 minutes	•	repeat the correction; help students during the review; integrates the previous arguments related to the water cycle Students: are asked to read the answers; are asked to listen	Key vocabulary Hydrological cycle; movement; Earth; below; surface; energy; to heat up; transpiration; leaves; vapor; atmosphere; clouds; tiny drops; condensation; wind; cool; water; infiltrate; groundwater; runoff	■ Whole class Group work Pair work Individual work	<ul> <li>U1_L14_ALL14.1.doc (solution).docx</li> <li>U1_L15_ALL.ppt.pptx</li> </ul> Worksheet 14.1	Valuating homework: accuracy and precision and study the topic
			Communicative structures They are made of; Because it is; It can; They are; WH questions; Interrogative form				

2 30 Teacher/s: Skills □ Whole • U1 L15 ALL.ppt.pptx Continuous Most minutes students explain the rules class • U1 L15 ALL15.1.doc.docx assessment: S W R should be and handout the ■ Group participating Dices; cardboards game (15.1) able to play dies, the work skills LIM PPT **Key vocabulary** the game cardboards game □ Pair work (answering, Hydrological cycle; Most to the groups asking ☐ Individual movement; Earth; Students: listen students questions) At work below; surface; energy; carefully and the end of should be to heat up; able to understand the the game transpiration; leaves; rules of the respect the the winner vapor; atmosphere; rules of the game Game of will be clouds; tiny drops; game Most the goose nominated condensation: wind: students Teacher/s: pass cool; water; infiltrate; should be through the groundwater; surface able to desks and runoff observe the grasp the main students playing Communicative the game and concepts structures give a support to through the Throw the die; It's my the students game turn to throw the die; It Students: is your /his/her turn; I'm focused on the the winner; Scaffolding: game; They read during the game it is the guestions all allowed the use of the together and one L1 to answer the student tries to questions (code answer alone switching)

Unit number1Lesson number16TitleGame of the goose - second part

Activity	Timing	Learning Outcomes	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
1	10 minutes	Explanation of the following activity: creation of the water cycle poster using different materials	Teacher: explanation of the new activity for the next lesson Students: listen carefully to the teacher and ask question if it is necessary	Key vocabulary Material; sponge; wood; pins; paper; cardboards; glue stick; brush; cotton; pasta; wax colors; watercolors; plastic; rope;  Communicative structures You can; It is allowed; You could use; Can I use; Can you lend meplease? Follow the instructions;	■ Whole class □ Group work □ Pair work □ Individual work	• U1_L15_ALL.ppt.pptx PPT LIM	Assessment not expected

2	25 minutes	Students are asked to plan their own project and start to create it	help students Students: work on the project Teacher/s: in this phase of the lesson teachers call the students one by one: they show them the	Skills  L S R W  Key vocabulary Draft; project; plan; draw; write	☐ Whole class ☐ Group work ☐ Pair work ■ Individual work	Draft sheet, pens, pencils	Continuous assessment: participating skills, creative skills
		Most students should think and write a list of all the material they need Most students should draw up a draft of their project	test and invite the students to complete the correction for homework	Communicative structures			

3 2 minutes	Most students should be able to give feedback	"The three hands" activity: like/dislike Teacher' role: asking agreement/disagreement about the ended lesson Students' role:	Skills  L S R W  Key vocabulary	■ Whole class □ Group work □ Pair work □ Individual	• U1_L2_ALL2.2.doc.docx • U1_L3_ALL3.1.doc.docx  Three hands (green, yellow, red)	Assessment is not expected
		answering through the three hands"	Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on Communicative structures	work		

 Unit number
 1
 Lesson number
 17
 Title
 Water cycle poster

Activity	Timing	Learning Outcomes	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
1	10 minutes	General brainstorming: repetition of the aims, material, procedure Most students should understand how to proceed	Teacher: manage the brainstorming Students: listen and take notes if it is necessary	Skills  L S R W	■ Whole class	Not expected	Assessment not expected
				Key vocabulary Paper; cardboard; plastic; wood; paper clips; felt pens; colored pencils; sponge; tooth pick	work □ Pair work □ Individual work		
				Communicative structures The aims of the activity are; Pay attention to; You should use;			

2	50 minutes	Most students should improve their creativity Most students should be able to represent the water cycle through the craft (on their own)	Teacher: Available to help students Observe students and start to complete the rubric assessment Remind students to the deadline (10 days) of the project "water cycle poster" Students: Work on their project	Skills  L S R W  Key vocabulary Paper; cardboard; plastic; wood; paper clips; felt pens; colored pencils; sponge; tooth pick	□ Whole class □ Group work □ Pair work ■ Individual work	• U1_L17_ALLRubric assessment.docx  Paper; cardboard; plastic; wood; paper clips; felt pens; colored pencils; sponge; tooth pick	Assessment: by observing their way to work; the teacher will evaluate the works using a rubric assessment
				Communicative structures I need; Can you lend me please?; I would like to use			

Unit	2	Lesson	1		(FOR THE MATERIAL LESSON 18) The water molecule and its chemical formula; Water as
number		number		Title	universal solvent

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	10	Students will learn how is the water molecule composed Students will learn the chemical formula of water: H20	Introduction of the second module and the new topic: Chemical, physical and biological properties of water Teacher/s: explain the new topic with the support of PPT Students: listen carefully to the teacher explanation Teacher/s: Elicit/ explain the chemical formula of water	Key vocabulary Hydrogen; oxygen; molecule; atoms  Communicative structures The water molecule is composed of; Simple present	■ Whole class □ Group work □ Pair work □ Individual work	• U2_L18_ALL.ppt.pptx PPT LIM	Assessment not expected

2	10 minutes	Scaffolding: activate prior knowledge and brainstorm vocabulary that might be heard and read during the activity (materials and substances needed for the experiment)	Teacher/s: scaffold and activate prior knowledge Students: read, identify and complete the part about materials and substances Teacher/s: available to help students to figure out the materials and the substances needed for the experiment (also showing them the material)	Key vocabulary salt; sugar; vinegar; alcohol; oil; spoon; beakers;  Communicative structures What is this?; do you remember?; temporal adverbs;	■ Whole class □ Group work □ Pair work □ Individual work	U2_L18_ALL18.1.doc.docx     U2_L18_ALL.ppt.pptx  ws 18.1 PPT LIM Material for the experiment	Continuous assessment: participating skills (answering, asking questions, positive approach)
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3 25 Students Experiment: Skills ☐ Whole • U2 L18 ALL18.1.doc.docx Formative minutes should be able practical class assessment: Worksheet 18.1 and materials: S R W to organize the activity to ☐ Group by observing liquid and solid substances, material understand work their way to spoons, beakers **Key vocabulary** and learn the □ Pair work needed for the work in Beaker; spoon; experiment property of group ☐ Individual observe; put; complete; Students water of work should be dissolving Communicative aware of the different structures importance of substances discovering Learning by new things and doing to improve Teacher: read their the procedure knowledge with students Cooperate and available learning Most to help students Students: should be able students read to work in and understand group and cooperate with the procedure others Most and do the students experiment should be aware of the importance of sharing ideas

Unit number 2 Lesson number 2 Title (LESSON19) Water as universal solvent: experimental activity

Activity	Timing	Learning Outcomes	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
		Guttomics					



main results of the experiment Students should be aware of the importance of the sequence of the phases (before/after) in an experiment Most students should be able to observe the phenomena during the experiment Most students should be able to represent with drawings the different results of the experiment

#### **Key vocabulary**

Draw; steps; phenomena; results;

represent; pen; colored pencils

# Communicative structures Imperative form

Individual work

3	10 minutes	Students will review/learn	Students: think about the experiment and	Skills	□ Whole class	U2_L18_ALL18.1.doc.docx     U2_L18_ALL18.2.doc.docx  Worksheet 18.1- Conclusions Worksheet 18.2 (scaffolding)	Formative
	minutes	the negative	complete, with the support of the worksheet 18.2, the conclusions Teacher: available to help	L S R W	☐ Group work		assessment: by observing their way to work
		and the short form of the verb to can and to be		<b>Key vocabulary</b> Transparent; dissolve; layers; solvent	□ Pair work □ Individual work		
				Communicative structures What happens?; It is/isn't You can/can't			
4	5	Most student	Correction of the worksheet 18.1 Students: read the words inserted in the blanks Teacher: help students to better understand the concepts and integrate them	Skills	■ Whole	• U2_L18_ALL18.1.doc.docx	Ongoing
	minutes	should correct the		L S R W	class Group	Worksheet 18.1-Conclusions	assessment: teachers evaluate students' comprehension of the topic of the lesson
		mistakes Most students should understand through correction		Key vocabulary	work Pair work Individual work		
				Communicative structures			

5	5 minutes	Most students should understand the homework's instructions	Teacher: manage the explanation for the homework Students: listen carefully to the teacher	Skills  L S R W  Key vocabulary  Communicative structures	■ Whole class Group work Pair work Individual work	• U2_L19_ALL19.1doc.docx • U2_L18_ALL.ppt.pptx Worksheet 19.1	Assessment not expected
6	2 minutes	Most students should be able to give feedback	"Three hands " activity: like/dislike Teacher' role: asking agreement/disagreement about the ended lesson Students' role: answering through "three hands"	Skills	■ Whole class	• U1_L2_ALL2.2.doc.docx • U1_L3_ALL3.1.doc.docx  Three hands (green, yellow, red)  Assessment not expect	Assessment is
	minaces			L S R W	□ Group		not expected
				Key vocabulary	work ☐ Pair work ☐ Individual		
				Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on	work		

Unit number 2 Lesson number 3 Title (LESSON 20) Chemical and physical properties of water

1 40 Most students Teacher/s: Skills Whole • U2 L20 ALL20.1.doc Continuous minutes should be able to explain the class (solution).docx assessment: S R W recognize the next activity ☐ Group • U2 L20 ALL20.1.doc.docx participating • U2 L20-21 ALL1.ppt.pptx scrambled and thev work skills **Key vocabulary** images and are ☐ Pair work (answering, Worksheet 20.1 Scissors Glue Incompressibility; match them to available to asking ☐ Individual stick Pen, pencils density; volume; mass; the correct help questions, work to expand; termal sentences Most students positive insulating layer; high students should Students: approach) specific heat; allowing; recall/understand read one by cool; freeze; mild; the main one the climate chemical and sentences physical in the Communicative properties of boxes, structures water understand Water is denser than the oil; alcohol is less dense meaning than oil(comparative with the form) Use of the support of present simple in a the scientific description teachers Use of the auxiliar verb and match the sentences to the images

2	5 minutes	Most students should understand how water pressure, or hydrostatic pressure,	Teacher/s: elicit specific vocab. and concepts needed for	Skills  L S R W  Key vocabulary	■ Whole class □ Group work □ Pair work	• U2_L20-21_ALL1.ppt.pptx PPT LIM	Formative assessment: by observing their participation
		changes with the depth	the activity (water pressure using two images with the PPT Students: listen carefully to the teacher and interact with teachers giving their deductions of the images	Communicative structures WH questions	□ Individual work		

Unit number 2 Lesson number 4 Title (LESSON 21) Water pressure - Communicating vessels: experimental activity

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessme
1	35 minutes	Most students should be become aware of how water pressure, or hydrostatic pressure, changes with the depth through the experimental activity Most students should understand the importance of sharing ideas Most students should be able to represent, by drawing, the outcomes of the experiment	Teacher/s: one teacher manage the experiment in the bathroom with small groups of students; The other teacher, in the classroom, helps students to complete the ws 21.1 Students: focused on the task-complete/correct the worksheet with the help of the teacher	Skills  L S R W  Key vocabulary Water pressure; hydrostatic pressure; intensity; depth; holes; pins; tap water; jet; weight; dam; increase; decrease; top; bottom	□ Whole class ■ Group work □ Pair work □ Individual work	U2_L21_ALL21.1.doc     (solution).docx     U2_L21_ALL21.1doc.docx  Worksheet 21.1 Bottle, pins, tap water, pencil, rubber, pen,	Formative assessment by observin their way to work

Most students should start to learn the importance of observation Learning by observing	Communicative structures What do you think about?; What happens if?; Can you see?; The reason is that "WH" questions	
	"WH" questions Superlative (the longest)	
	Present simple and interrogative form	

2 10 Students Teacher: shows the Skills Whole • U2 L20-Continuous minutes should experiment in the class 21 ALL1.ppt.pptx assessment L S R W understand classroom to the ☐ Group participating Communicating vessels water what are the students and explain it work skills Notebook pen and pencil PPT **Key vocabulary** ☐ Pair work communicating to them Students: (answering, LIM Communicating vessels and observe the experiment; asking ☐ Individual vessels; shape; their priciples think about it; ask questions, work size; level; questions related to it, Most students positive imbalance; should be able draw a picture on their approach) apparatus notebook an write down to observe the Valuating Communicative the principles Teacher: principle of the homework: structures: explains the homework communicating accuracy an vessels precision Communicative next lesson structures What would happen if I tilt the container?; In my opinion the water....: What do you think?; Can you predict the outcome if...?;

3	2 minutes	Most students should be able to give feedback	Three hands" activity: like/dislike Teacher' role: asking agreement/disagreement about the ended lesson	Skills  L S R W  Key vocabulary	■ Whole class □ Group work □ Pair work	• U1_L2_ALL2.2.doc.docx • U1_L3_ALL3.1.doc.docx Three hands (green, yellow, red)	Assessment is not expected
			Students' role: answering through "three hands"	Communicative structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on	□ Individual work		

Unit number 2 Lesson number 5 Title (LESSON 22) Oral examination; water identity card

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	60 minutes	All students, one by one, are asked to present to the teacher the poster of the water cycle and to explain it Most students should review the main concepts and principles of water through the	Teacher: listens to students' presentation Students: each student presents his/her posters; other students listen carefully to the presentation of their classmates and start to create the cover for the identity card and start to	Skills  L S R W	■ Whole class Group work Pair work Individual work	PHOTOES_WATERCYCLEPOSTER.pdf U2_L22_ALL22.1.doc (solution).docx U2_L22_ALL22.1.doc.docx U1_L17_ALLRubric assessment.docx  Posters and ws 22.1	Fluency in speaking General comprehension and knowledge of the contents related to the water cycle Specific words related to the phases of the water cycle Assessment of the water cycle poster> see the rubric assessment

y vocabulary iter cycle; aporation; adensation; asportation; asff; aundwater; rain; l; snow; vapor; ysical state at am aperature; or; residence; te; density; alting point; ling point; ctrical aracteristic; amical aracteristic; man body reentage	

Communicative structures Could you tell me?; Can you show me?;	
what does it represent?; Can you name the different phases?;	
Can you identify the different parts?; What is the function of?	

Unit number 2 Lesson number 6 Title (LESSON 23) Water surface tension - Experimental activity

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	20 minutes	Most students should recall and remember the concepts of cohesive forces	Teacher/s: presents the daily lesson with a PPT Students: listen carefully to the teacher Teacher/s: stimulate students' thinking skill with some quMost students should recall and remember the concepts of cohesive forces estions to introduce the concept of the surface tension (images and visual support)	Key vocabulary Elastic layer; cohesive; surface tension; weight  Communicative structures can you read?; Do you mind reading?; Can the mosquitoes float on the surface?; What can you see in this image? Can you explain it also in Italian?;	■ Whole class □ Group work □ Pair work □ Individual work	U2_L23_ALL1.ppt.pptx  PPT and images (visual support) LIM	Evaluation of the previous knowledge about concepts and vocab. (cohesive force)

2 30 Most Teacher/s: Skills ☐ Whole • U2 L23 ALL23.1.doc Continuous minutes students explains the aim class solution.docx assessment: L S R W should be of the ☐ Group • U2 L23 ALL23.1.doc.docx participating able to read experiment and work skills Plate; water; pepper/talc; **Key vocabulary** ■ Pair work and follow repeat the (answering, washing soap; Worksheet 23.1 Pepper; talc; washing the property of the asking ☐ Individual soap; sprinkle; procedure surface tension questions, work overflow; sink; pour; Most Students: listen positive float; touch; finger students carefully to the approach should be instructions and Communicative do the able to structures observe the experiment Do you agree with the surface outcome?; What tension of happens ...; What water and conclusion can you how soap draw?; What is the acts on it function of....?; Don't let Most it overflow....: Don't students exaggerate....; should understand the principle of the surface tension Students should be able to work in pairs

minutes	students,	OBCOLIKORO		class	<ul> <li>U2_L23_ALL23.1.doc solution.docx</li> </ul>	accoccmont
	students, encourage students' students'	students' attention on the hould video for a better comprehension of the experiment  L S R W  Key vocabulary Pepper; talc; washing soap; sprinkle; overflow; sink; pour; float; touch; finger	☐ Group	• U2_L23_ALL23.1.doc.docx	assessment: participating	
	the video (link), should be able to check the experiment		Pepper; talc; washing soap; sprinkle; overflow; sink; pour;	work Pair work Individual work	link Worksheet 23.1	skills (answering, asking questions, positive approach)
Students: focused on the video	Communicative structures					
		(link), should be able to check the	(link), should be able to check the comprehension experiment of the experiment Students: focused on the	(link), should be able to check the experiment of the experiment Students: focused on the should be able to check the better comprehension of the experiment Students: focused on the should be able to better comprehension of the experiment Students: focused on the should be able to better comprehension of the comprehension of the experiment students: focused on the should be able to better comprehension of the comprehension of the experiment students are comprehension of the comprehension of the experiment students are comprehension of the experiment students.	(link), should be able to check the experiment	(link), should be able to check the experiment of the experiment Students: focused on the serious of the structures.  (link), should better observed better comprehension of the experiment Students: focused on the serious of the characters.  (link), should better pepper; talc; washing soap; sprinkle; overflow; sink; pour; float; touch; finger link Worksheet 23.1

Unit number 2 Lesson number 7 Title (LESSON 24) Water surface tension-Homework - Groups divison

Activity	Timing	Learning Outcomes	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
1	15 minutes	Most students should be able to organize themselves Most students should be able to choose a topic studied during the project Most students should be able to create the sketch Inventing, planning	Teacher/s: explain the aims of the third module of the project; explain the division of the class in 6 groups Students: listen carefully to the instructions and to the explanation of the teacher; students are asked to organize themselves in groups and choice the topic of the sketch among the possibilities (proposed by the teacher) Teacher/s: explain the homework related to the third module and explain the ws 24.1 Remember the students to find some pictures on the web for the identity card Students: eac	Skills  L S R W  Key vocabulary Act; sketch; play; role; topic; plan; project;  Communicative structures How would you represent this?	■ Whole class □ Group work □ Pair work □ Individual work	• U2_L23_ALL1.ppt.pptx • U2_L24_ALL24.1.doc.docx  Worksheet 24.1	Assessment not expected

2	2 minutes	Most students should be able to give feedback	Three hands" activity: like/dislike Teacher' role: asking agreement/disagreement about the ended lesson Students' role: answering through	Skills  L S R W  Key vocabulary  Communicative	■ Whole class □ Group work □ Pair work □ Individual work	<ul> <li>U1_L2_ALL2.2.doc.docx</li> <li>U1_L3_ALL3.1.doc.docx</li> <li>Three hands (green, yellow, red)</li> </ul>	Assessment is not expected
		"three hands"	structures I like it, I don't like it, It was funny, It is difficult, Please stop, I need help, We can go on				

Unit number 2 Lesson number 8 Title (LESSON 25) Capillary action of water - experimental activity

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	20 minutes	Most students should correct and understand through correction	Teacher/s: manage the correction and give more explanation Students: read the	Skills  L S R W  Key vocabulary Surfactant; surface; active; agent; drag; molecule; soap; dirty	■ Whole class Group work Pair work Individual work	U2_L24_ALL24.1.doc solution.docx  Worksheet 24.2	Accuracy and precision in the homework
			answer and correct the worksheet	Communicative structures Can you read; Can you give me an example?;			

2	10 minutes	Most students should	Teacher/s:	Skills	■ Whole	• U2_L25-26_ALL.ppt.pptx	Assessment	
	minutes	understand the	and explain	L S R W	class  Group	PPT and visual support LIM	not expected	
		property of water to rise along narrow tubes (practical	the new topic Students: listen	<b>Key vocabulary</b> fibers; paper; wide; narrow; tubes	work □ Pair work □ Individual work			
		examples of daily life)	carefully to the teachers and try to give explanations	Communicative structures Do you remember?				

3 • U2\_L25\_ALL25.1.doc.docx 20 Most students Experimental Skills ☐ Whole Continuous minutes should activity class assessment: link Worksheet 25.1 PPT LIM S R W understand the Teacher/s: ☐ Group participating skills aims of the available to work **Key vocabulary** help ☐ Pair work **Experiment Most** (answering, Gravity; heavy; wet; students should students asking ■ Individual fibers; paper; flower; be able to Students: questions, work hypothesis; formulate; observe the focused on positive different phases the approach Communicative of the experimental structures activity experiment Most Can you predict the students should outcome....?; Can you be able to formulate manage the hypothesis....?; What experiment Most can you see....?; students should be able to formulate some hypothesis Most students should deduce the principle/property doing the

Unit number 2 Lesson number 9 Title (LESSON 26) The property of capillarity

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	minutes asked to correction read their Teachers/s: answers, listen to the students' ideas to answers and each other supported by answers	correction Teachers/s:	Skills  L S R W	□ Whole class □ Group	• U2_L25_ALL25.1.doc.docx Ws 25.1	Teacher/s: assess the comprehension of the students	
		<b>Key vocabulary</b> Gravity; heavy; wet; fibers; paper; flower;	work □ Pair work □ Individual work		from their answers to the questions		
		Students: read and integrate the answers	Communicative structures In my opinion; What do you think about?				
2	25 minutes	Most students should be able to understand the property of capillarity with the support of	Teacher/s: explain the new property of water step by step with the help of visual support. Encourage students'	Skills  L S R W	■ Whole class □ Group work □ Pair work □ Individual work	<ul> <li>U2_L25-26_ALL.ppt.pptx</li> <li>U2_L26_ALL.doc for teachers.docx</li> <li>U2_L26_ALL26.1.doc.docx</li> <li>PPT LIM Visual support</li> <li>U2_L26_ALL.doc for teachers</li> <li>Ws 26.1 (With visual organizer)</li> </ul>	Teachers assess the participation and the concentration during the explanation

understanding

images

(reference to the PPT) Most students should understand the conceptual connections with the previous topics Most students should be able to create connections with the previous topics of water and with the outcomes of the experiment

with specific questions
Students: are asked to watch the presentation of the teacher and try to answer to simple questions

#### **Key vocabulary**

Adhesion; cohesion; attractive forces; stick; drag; capillarity; tubes; climb up; diameter; wide; narrow

## **Communicative structures**

In this part of the lesson, due the complexity of the topics, teacher will explain the concepts using the L1 (codeswitching) What can you see ...? What is it....? Are they ....?; What does it happen...?; what is the difference...? In this part of the lesson, due the complexity of the topics, teacher will explain the concepts using the L1 (code-

switching)

Unit number 2 Lesson number 10 Title (LESSON 27) Experimental activity: the colors of the rainbow

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment		
1	35 Students are Teacher: shows the		■ Whole class	• U2_L27_ALL27.1.doc.docx  Material needed for the	assesses the				
		manage an experiment following the instructions of a	explain the g the material needed for the activity and the procedure experiment; set; material; food coloring; amount; add; fold; play experiment work link experiment work link experiment; set; material; food coloring; amount; add; fold; play	explain the material a needed for the activity and the procedure  Experiment; set; material; food coloring; cup; kitchen towel; amount; add; fold; play  Experiment (ws 27.1) LIM Vide link  Pair work  Individual work	experiment (ws 27.1) LIM Video link	active participation of the students			
		video (link) Students should be able to cooperate			and the procedure	and the procedure	and the procedure	and the cup; kitchen towel; amount; add; fold; play	work
		and work in group Students should be able to predict the results of the experiment, elaborating their ideas thinking about the concepts studied in the previous lessons	by one prepare and organize the set for the experiment (back of the classroom)	Communicative structures Imperative form for the instructions Can you predict the outcome/result of the experiment?; Remember; Think about					

2	25 minutes	Students should be able to predict the results of the experiment, elaborating their ideas thinking about the concepts studied in the previous lessons	Students: read the questions of the ws 27.1 and try to understand the meaning They also have to complete the ws 27.1 in the following days when the experiment will be comlpeted Teacher: help students and explain the homework	L S R W  Key vocabulary  Communicative structures WH questions	■ Whole class Group work Pair work Individual work	• U2_L27_ALL27.1.doc.docx Ws 27.1	Teacher will evaluate in the following days the answers accuracy of the ws 27.1
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Unit number 2 Lesson number 11 Title (LESSON 28) Treasure Hunt game

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	60 minutes	Most students should demonstrate to cooperate in groups Most students should be able to respect the rules of the game Students are asked to be fast, discuss with their team mates and answer correctly Most students should be able find the clues and answer properly the questions	Teacher/s: Explain the rules and the aims of the game Students: listen carefully to the teachers' explanation Teacher/s: observe students during the game around the school and supervise the students. Available to help students Students: focused on the game	Key vocabulary Teammates; rules; cooperate; clues; find; hidden; upstairs;downstairs; stairs; gym; bathroom; in; around  Communicative structures Imperative form: you have to; It is allowed to; You should Don't go there, Hurry up	□ Whole class ■ Group work □ Pair work □ Individual work	U2_L28_ALL1.doc (ex. for teacher).docx U2_L28_ALL28.1.doc.docx Worksheet 28.1 PPT LIM pen and pencil	Continuous assessment: participating skills (answering, asking questions, positive approach)

nit number 2 Lesson number	12	Title	(LESSON 29) Revision fot the test
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y Timing Learning Activity Language Interaction Outcomes Procedure	n Materials	Assessment
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1 30 Most Plenary **Skills** Whole • U2 L28 ALL.ppt.pptx Teachers will minutes students correction of class • U2 L28 ALL28.1.doc.docx announce S R W ☐ Group should the game • U2 L29 ALL29.1.doc.docx the winner • U L29 ALL29.1 SOLUTIONS.pdf understand Teacher/s: work team and **Key vocabulary** and correct manage the ☐ Pair work encourage Worksheet 28.1 PPT LIM worksheet Phenomenon; physical correction their students to ☐ Individual 29.1 states: formula: boiling Students: mistakes study for the work water; molecule; tubes; Most are asked to test communicating vessels students interact with and all the specific should teachers: vocab. and concepts of reinforce answer the the second unit of the their questions, project knowledge correct the on the mistakes Communicative topic and take structures note if it is WH questions Do you necessary mind reading ... ?; Could Teacher/s: you read your remind answer...? Is it students to correct...? study for the test and handout worksheet 29.1 for a general repetition

Unit number 2 Lesson number 13 Title (LESSON 30) II Science test

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	60 minutes	Most students should be able to complete the test Most students should demonstrate a good level of participation	Teacher: explains the exercises of the test, also using the L1 Students: listen carefully to the teacher and ask more explanations if it is necessary Students are allowed to answer also in L1	Key vocabulary All the voc. And concepts studied so far during the second unit of the project  Communicative structures Imperative form: write; answer these questions; choose the right answer; fill in the blanks, complete the; match	□ Whole class □ Group work □ Pair work ■ Individual work	• U2_L30_ALLtest.doc.docx TEST	Summative assessment: at the end of the second unite to identify possible problems and through which it's possible to check students' knowledge

Unit number 3 Lesson number 1 Title (LESSON 31) Realization of some fun sketches: writing

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	60 minutes	Most students should understand and correct the mistakes in the II Science test Most students should understand the aims of the new activity Most students should be able to organize themselves in groups Most students should be able to write simple scripts/dialogues	Teacher: at the beginning of the lesson the Science teacher calls the students one by one to show them the test (lesson 30) and highlights the mistakes. Teacher encourages students to correct and review the test at home Teacher: the CLIL teacher collects students' "identity card" Teacher/s: explain the aims	Key vocabulary All the specific vocab. studied so far: play; act; sketch; script; dialogue; role; teammate; actor; actress; mistake  Communicative structures You should play/act; Why don't you?; What is your idea?; What do you think?; In my opinion; What information would you represent?;	■ Whole class ■ Group work □ Pair work □ Individual work	U2_L30_ALL test.solutions.doc.docx  Pen, notebook, tests	Teachers evaluate the positive approach of the students: Continuous assessment: participating skills (answering, asking questions)

explain the units	
of the third unite	
of the project:	
division of the	
class in 6	
groups; each	
group has to	
choose a	
specific topic	
studied during	
the project;	
each student	
plays a	
character/role;	
the	
dialogues/scripts	
have the aim to	
represent and	
repeat some	
specific	
concepts	
studied during	
the project	
the project	

Unit number 3 Lesson number 2 Title (LESSON 32) Realization of some fun sketches: writing - second part

Activity	Timing	Learning	<b>Activity Procedure</b>	Language	Interaction	Materials	Assessment
		Outcomes					

1 60 Most students Students: are asked Skills ☐ Whole • PHOTOES Teachers minutes should be able to create and play class IDENTITYCARD.pdf evaluate the S R to write simple some dialogues; W Group positive Pen. notebook Water scripts/dialogues students organize work approach of identity cards **Key vocabulary** Most students themselves and □ Pair work the students: All the specific vocab. should create the settings creativity, ☐ Individual studied so far and understand the for the sketches. originality, work used in the sketches: Teacher/s: help determination. importance of water pollution, waste students with the being part of a pronunciation, water, experiment, writing of the group Most preparation, surface tension, water students should dialogues, giving eagerness and pressure, all the some ideas. They demonstrate enthusiasm words related to the support students The teacher eagerness water cycle,.... with the assess the correction/translation water identity Communicative of the dialogues and card: accuracy structures with the and precision, How do you say in pronunciation respect of the English the Itlaian Science and CLIL instructions, word.....? How do you teacher: assess the use of English translate....? Please I water identity card language to need help! Teachers, make some can you come here...? taglines, quality of the

work

Unit number 3 Lesson number 3 Title (LESSON 33) Realization of some fun sketches: playing

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	120 minutes	Most students should be able to use their creativity and fantasy to prepare the settings for the sketches Most students should understand the importance of being part of a group Most students should demonstrate eagerness	Students: organize themselves and create the settings for the sketches. Teacher/s: film the sketches	L S R W  Key vocabulary All the specific vocab. of the sketches  Communicative structures Simple dialogues with the affermative, interrogative form and negative form, WH-questions	□ Whole class ■ Group work □ Pair work □ Individual work	• SKETCHES.pdf  Tablet/camera; desk; chairs; instruments; bottles; blackboard; clothes; pins; glasses; pepper; plate; water; soap; See the sitography for the links of the videos (YOU TUBE)	Teachers evaluate the positive approach of the students: creativity, originality, determination, pronunciation, preparation, eagerness and enthusiasm

it number 3	Lesson number 4	Title	(LESSON 34) School trip in Fondo (TN):the "Casa dell'acqua" Museum
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Outcomes Procedure		Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
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1 Schooltrip Students should be Teacher/s: **Skills** Whole Photoes.pdf Continuous day able to remember. manage the class Completesitography.docx assessment: L S R W visiting the rooms of school trip ☐ Group participating Tablet/camera the museum, some and work skills **Key vocabulary** concepts and topics encourage □ Pair work (answering, All the specific studied during the students' asking ☐ Individual vocab, studied so project Students speaking questions, work far should be able to (SST) positive interact with the Students: approach) Communicative guide using specific interact with structures language Students the museum What is it?: What should be able to quide: are they?; What is asking, review the main your idea?; Do you topics of the project: speaking, remember.....? Genesis of the Non answering Valley; building of Some the dam of Santa groups Giustina lake: rocks complete and morphology of the playing Non Valley (canyon, of their fauna of Smeraldo sketches lake); chemical and using the physical properties scenography of water: the water of the place cycle; examples of wasted water; video about the town of Fondo and the special clock (hydrochronometer); uses of water in the past