CLIL Module Plan

Author(s)	Morena Lazz	Morena Lazzara – Silvia Trotter						
School	IC Cavalese	IC Cavalese						
School Grade	O Primary		۲	Middle		O High		
School Year	• 1	0 2	(03		0 4		0 5
Subject	Scienze	Торіс		Livi	Living and non-living things - The cell			
CLIL Language	english				O Deutsch			

Personal and
social-cultural
preconditions
of all people
involvedTeaching team profile: - Morena Lazzara (main teacher, subject taught:
science) - Silvia Trotter (co-teacher, subject taught: English) Student group
profile: - Average CEFR level: A1 - Experience of CLIL: some students at the
primary school - Other mother tongues: Arabic, Albanian, Macedonian -
Special Educational Needs: 2 students The class is made up of 25 students, 9
girls and 16 boys. The class is heterogeneous in terms of competences and
interests.

Students' prior	Subject	Language
knowledge, skills, competencies	 Students may have a basic knowledge about what is living Students know that all plants and animals, including humans, are alike in some ways and different in others. Students know how to observe and describe objects in a simple way. 	They know and use: • some vocabulary about science; • the "bossy words" (verb to give instructions); • the verb to be and have got; • the classroom language; • simple adverbs of time (first, then,). They are able to construct simple sentences. They can read and understand simple texts.

Timetable fit Image: Second second	Module	Length 13 lessons of 50 minutes
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Description of	a Mathadalagical approaches (Cooperative Learning, individual work and poor
Description of	o Methodological approaches (Cooperative Learning, individual work and peer
teaching and	correction, TPS) o Strategies to promote interaction and communication
learning	during the lesson involving student teachers and group work (use of ICT
strategies	learning tools and classroom setting) o Content and language input (pictures
	and questions to activate pre-knowledge) o Materials to support content and
	language scaffolding (repetitions and reformulations, mimes and gestures,
	glossary with pictures, examples) o worksheets, test and questionnaire
	written in a font suitable for SEN o formative assessment (rubric for process)
	and summative assessment (final test with graduate difficulty) o Self
	assessment (questionnaire). o Peer education / peer assessment

Overall Module Plan

Unit: 1 LIVING AND NON-LIVING THINGS	Lesson 1 INTRODUCTION:LIVING AND NON-LIVING THINGS
Unit length: 5 lessons	[PowerPoint presentation]
	CHARACTERISTICS OF LIVING THINGS - LIFE CYCLE
	Lesson 3
	THE LIFE CYCLE: activity in pairs
	Lesson 4
	SPEAKING ABOUT LIFE CYCLE: dialogue with a partner
	Lesson 5
	THE LIFE CYCLE: oral assessment

Unit: 2	Lesson 1
THE CELL Unit length: 6 lessons	INTRODUCTION:LIVING THINGS ARE MADE UP OF CELLS: dialogue with a partner
	Lesson 2
	WHAT IS A CELL: reading comprehension
	Lesson 3
	THE PARTS OF ANIMAL AND PLANT CELL AND THEIR FUNCTIONS: video watching
	Lesson 4
	CELL MODELS CONSTRUCTIONS (I): activity in groups
	Lesson 5
	Lesson 5 CELL MODELS CONSTRUCTIONS (II): activity in groups
	CELL MODELS CONSTRUCTIONS (II): activity in
	CELL MODELS CONSTRUCTIONS (II): activity in groups
	CELL MODELS CONSTRUCTIONS (II): activity in groups Lesson 6 CELL MODELS PRESENTATION: oral presentation
Unit: 3	CELL MODELS CONSTRUCTIONS (II): activity in groups Lesson 6 CELL MODELS PRESENTATION: oral presentation
Unit: 3 SUMMATIVE ASSESSMENT and SELF EVALUATION QUESTIONNAIRE	CELL MODELS CONSTRUCTIONS (II): activity in groups Lesson 6 CELL MODELS PRESENTATION: oral presentation with peer evaluation
SUMMATIVE ASSESSMENT and SELF	CELL MODELS CONSTRUCTIONS (II): activity in groups Lesson 6 CELL MODELS PRESENTATION: oral presentation with peer evaluation Lesson 1

Unit number

Lesson number

1

1

Title INTRODUCTION:LIVING AND NON-LIVING THINGS [PowerPoint presentation]

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	50'	Distinguishing living things and non- living things.	T. illustrates some photographs with the support of a Power Point presentation Ss interact with T. and list what they see. T. writes on the blackboard what the Ss say in two columns and asks what distinction has been made (living and non-living things) Ss write everything in the science copybook	Skills L S R W Key vocabulary • Words related to elements in the photographs (e.g. lake, mountains, rocks, fishes, trees, bridge, train, city, church, men, cows,) Communicative structures What do you see Look at the picture	 Whole class Group work Pair work Individual work 	 Att.1 Lazzara Trotter M2.pdf Laptop with projector • PowerPoint presentation with pictures (Att.1) • Blackboard • Science copybook 	Oral questions and answers to elicit information and give a feedback to students.

Unit number

Lesson number

1

2 **Title**

CHARACTERISTICS OF LIVING THINGS - LIFE CYCLE

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	the featuresprevious legof living andand answenon-livingasks to drathingspast, todayGivingrecognize texamples oflife cycle Tlife cyclescycle on bl	T recalls the key concepts of the previous lesson. Ss interact with T and answer to his/her questions T. asks to draw how an animal is in the past, today and in the future. Ss recognize that living things have a life cycle T. write the steps of life cycle on blackboard Ss write all on their copy book.	SkillsLSRWKey vocabulary- Steps of the life cycle Verbs related to thelife cycle (be born, eat,grow, reproduce, die)	work	 Att.1 Lazzara Trotter M2.pdf Laptop with projector • PowerPoint 	Oral questions and answers to elicit information and give a feedback to students.	
				Communicative structures Do you know? Look at the picture/graph/ Simple sentences using the simple present to describe the life cycle		(Att.1) • Blackboard • Science copybook	

Unit number

Lesson number

1

3 Title

THE LIFE CYCLE: activity in pairs

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	35'	Identifying the features of life cycle.	T. recalls the key concepts of the previous lessons and gives a worksheet (Att. 2) to the students Ss work in pairs and try to understand the text about the characteristics of living things. Then they label the different steps of the life cycle and individually classify a list of words in living and non-living things	SkillsLSRWKey vocabulary• Steps of the life cycle.• Verbs related to the life cycle (be born, eat, grow, reproduce, die)Communicative structures Do you know? Look at the picture/graph/ Simple sentences using the simple present to	 Whole class Group work Pair work Individual work 	• Att.2 Lazzara - Trotter M2.pdf Ss worksheets (Att. 2)	Oral questions and answers to elicit information and give a feedback to students.

2	15'	Identifying the features of life cycle	T checks in plenary and gives instruction for the homework: describe the life cycle of an animal and a plant	Skills L S R W Key vocabulary • Steps of the life cycle. • Verbs related to the life cycle (be born, eat, grow, reproduce, die)	 Whole class Group work Pair work Individual work 	Science copybook	Oral questions and answers to elicit information and give a feedback to students.
				Communicative structures Do you know? Look at the picture/graph/ Simple sentences using the simple present to describe the life cycle			

Unit number

Lesson number

1

4 Title

SPEAKING ABOUT LIFE CYCLE: dialogue with a partner

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	15'	Describing the features of life cycle	T checks the homework and recalls concepts about life cycle of an animal and a plant	SkillsLSRWKey vocabulary• Steps of the life cycle.• Verbs related to the life cycle (be born, eat, grow, reproduce, die)Communicative structuresDo you know? Look at the picture/graph/Simple sentences using the simple present to describe the life cycle	 Whole class Group work Pair work Individual work 	Science copybook	Oral questions and answers to elicit information and give a feedback to students.

2	the	Describing the features of life cycle	T gives to students some strips (questions and answers) (Att. 3) about the steps of life cycle Ss act out a dialogue with a partner about the life cycle of an animal or a plant. Then they change partner T. helps them and checks	SkillsLSRWKey vocabulary• Steps of the life cycle.• Verbs related to the life cycle (be born, eat, grow, reproduce, die)	 Whole class Group work Pair work Individual work 	 Att.3 Lazzara Trotter M2.pdf Science copybook • Strips about steps of life cycle (Att.3) 	Teachers' observations
				Communicative structures Do you know? Look at the picture/graph/ Simple sentences using the simple present to describe the life cycle			

Unit number

Lesson number

1

5 **Title**

THE LIFE CYCLE: oral assessment

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	50'	Describing the features of life cycle	Ss present to the class the life cycle they have worked on T evaluates the oral presentation of each student and gives feedback	Skills L S R W Key vocabulary • Steps of the life cycle. • Verbs related to the life cycle (be born, eat, grow, reproduce, die) Communicative structures Simple sentences using the simple present to describe the life cycle	 □ Whole class □ Group work □ Pair work ■ Individual work 	 Att.4 Lazzara Trotter M2.pdf Science copybook Teacher rubric for oral presentation (Att. 4) 	Oral assessment (oral presentation rubric) (Att. 4)

Unit number

Lesson number

1

2

Title INTRODUCTION: LIVING THINGS ARE MADE UP OF CELLS: dialogue with a partner

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	15'	Understanding that living things are made up of cells	T give some pictures (Att. 5a) to the students and a worksheet (Att. 5b) Ss describe to a partner some flashcards using the scaffolding on the worksheet	SkillsLSRWKey vocabularyWords related to the pictures on the flashcards (flower, tree, old man, child, house, skyscraper,) and to materials (bricks, sand, wool, cells,)	class Group work Pair work Individual work	 Att. 5b Lazzara Trotter M2.pdf Att.5a Lazzara Trotter M2.pdf 	Teachers' observations
				Communicative structures What is it? Is it a living or non-living thing? What is it made of? It is made of			

2	35'	Understanding that living things are made up of cells	T divides blackboard into two columns (living and non-living things) Ss stick their flashcards on the blackboard, describe them to the classmates and write under them the material they are made of T asks the students to say what living things have in common: they are made up of cells.	SkillsLSRWKey vocabularyWords related to the pictures on the flashcards (flower, tree, old man, child, house, skyscraper,) and to materials (bricks, sand, wool, cells,)Communicative structuresWhat is it? Is it a living or non-living thing? What is it made of? It is made of	 Whole class Group work Pair work Individual work 	 Att. 5b Lazzara Trotter M2.pdf Att.5a Lazzara Trotter M2.pdf Opybook Blackboard Flashcards of living and non-living things (Att.5a) Worksheet (Att.5b) 	Oral questions and answers to elicit information and give a feedback to students.
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Unit number

Lesson number

2

2 **Title**

WHAT IS A CELL: reading comprehension

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	35'	Understanding what a cell is and what are the parts of a cell: cytoplasm, membrane and nucleus	T gives a worksheet (Att. 6) with a text to read to the students Ss read the text about what is a cell and the parts of it and do a reading comprehension to check in pairs	SkillsLSRWKey vocabulary• animal and plant cell• microscope •unicellular vsmulticellular • mainparts of a cell(membrane, nucleus,cytoplasm, cell wall)	 Whole class Group work Pair work Individual work 	 Att.6 Lazzara Trotter M2.pdf Worksheet (Att. 6) • copybook 	Teacher's observations
				Communicative structures What is it? It is What is the correct option? It is			

2	15'	Understanding what a cell is and what are the parts of a cell: cytoplasm, membrane and nucleus	T checks in plenary	SkillsLSRWKey vocabulary• animal and plant cell• microscope •unicellular vsmulticellular • mainparts of a cell(membrane, nucleus,cytoplasm, cell wall)CommunicativestructuresWhat is it? It is Whatis the correct option? Itis	 Whole class Group work Pair work Individual work 	 Att.6 Lazzara Trotter M2.pdf Worksheet (Att. 6) • copybook 	Teacher's observations
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Unit number

2 Lesson number

3

Title THE PARTS OF ANIMAL AND PLANT CELL AND THEIR FUNCTIONS: video watching

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	10'	Understanding what a cell is and what are the parts	T recalls key concepts of the previous lesson and invite a student to draw and describe	Skills	Whole class	Blackboard	Teacher's observations
		of a cell: cytoplasm, membrane and nucleus	student to draw and describe the different parts of an animal and a plant cell on blackboard	Key vocabulary main parts of a cell (membrane, nucleus, cytoplasm, cell wall)	i Group work □ Pair work □ Individual work		
				Communicative structures This is There is / are Simple sentences to describe a picture.			

2	30'	 Identifying the parts of a cell: cytoplasm, membrane and nucleus • Knowing that there are some organelles in the animal and plant cells and their functions • Distinguishing organelles of an animal cell and of a plant cell 	T. gives to the students a worksheet with strips (Att. 7) of the names of the cell organelles and of their functions T invites the students to watch a video about the organelles and their functions and invite them to write on copybook the keywords Ss watch the video and write on the copybook keywords T helps students to understand the keywords and invite them to watch again the video and try to match each organelle with its functions	Skills L S R W Key vocabulary • names of the main organelles (nucleus, ribosome, vacuole, mitochondria, golgi apparatus, chloroplast) • their functions (storehouse, post office, tiny factories, cellular highway, brain) Communicative structures What did you see/write/understand of the video? What is? What is its function? What does it do?	 Whole class Group work Pair work Individual work 	 Att.7 Lazzara Trotter M2.pdf o Projector o Video link o Worksheet with strips (Att. 7) o copybook 	Teacher's observations
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3	10'	 Identifying the parts of a cell: cytoplasm, membrane and nucleus • Knowing that there are some organelles in the animal and plant cells and their functions • Distinguishing organelles of an animal cell and of a plant cell 	Ss check in pairs T checks in plenary	Skills L S R W Key vocabulary • names of the main organelles (nucleus, ribosome, vacuole, mitochondria, golgi apparatus, chloroplast) • their functions (storehouse, post office, tiny factories, cellular highway, brain) Communicative structures What did you see/write/understand of the video? What is? What is its function? What does it do?	 Whole class Group work Pair work Individual work 	 Att.7 Lazzara Trotter M2.pdf Worksheet with strips (Att. 7) • copybook 	T's check
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Unit number

Lesson number

2

4 Title

CELL MODELS CONSTRUCTIONS (I): activity in groups

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	10'	 Identifying the parts of a cell: cytoplasm, membrane and nucleus Knowing that there are some organelles in the animal and plant cells and their functions Distinguishing organelles of an animal cell and of a plant cell 	T recalls concepts about organelles and their functions. Write on the blackboard the names of the organelles and their functions and asks the students to match them Ss answer the questions	SkillsLSRWKey vocabulary• names of the main organelles (nucleus, ribosome, vacuole, mitochondria, golgi apparatus, chloroplast)• their functions (storehouse, post office, tiny factories, cellular highway, brain)Communicative structures What is? What is its function? What does it do?	 Whole class Group work Pair work Individual work 	Blackboard	Oral questions and answers to elicit information and give a feedback to students.

2	40'	• Reproducing the animal cell and plant cell and their organelles with plasticine Life skills: • communication in foreign languages • social and civic competences • learning to learn	T. splits the class into groups of four students and give the materials and a worksheet with the instructions to build up a model of an animal and a plant cell with all the organelles Then Ss have to label the organelles with the post-	Skills L S R W Key vocabulary • words related to material used (plasticine, toothpicks, post-it,) • names of the main organelles	 Whole class Group work Pair work Individual work 	 Att.9c Lazzara - Trotter M2.pdf Att.8 Lazzara - Trotter M2.pdf 	Teacher's observations with rubric
			it and toothpicks	Communicative structures Cut/model/create/take (imperative forms to organize the activity in group)		o Worksheet (Att. 8) o plasticine o post-it o toothpicks o teacher's rubric (Att.9c)	

Unit number

Lesson number

2

5 **Title**

CELL MODELS CONSTRUCTIONS (II): activity in groups

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	50'	 Reproducing the animal cell and plant cell and their organelles with plasticine Life skills: • communication in foreign languages • social and civic competences • learning to learn 	T. splits the class into groups of four students and give the materials and a worksheet with the instructions to build up the models and the organelles Ss work on their models, label the organelles with the post- it and toothpicks	SkillsLSRWKey vocabulary• words related to material used (plasticine, toothpicks, post-it,) • names of the main organellesCommunicative structures Cut/model/create/take (imperative forms to organize the activity in group)	 Whole class Group work Pair work Individual work 	 Att.9c Lazzara Trotter M2.pdf Att.8 Lazzara Trotter M2.pdf otter M2.pdf otter M3.pdf otter M3.pdf <!--</td--><td>Teacher's observations with rubric</td>	Teacher's observations with rubric

	Unit number	2	Lesson number	6	Title	CELL MODELS PRESENTATION: oral presentation with peer evaluation
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Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
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1	50'	Illustrating the cell models	l as scaffolding to help them to	Skills	Whole	• Att.9c	Oral
				L S R W	class Group	Lazzara	questions and answers
		built and	remember the outline to follow during the presentation of the cell models. T		work	- Trotter	to elicit
		describing	explains to the students the	Key vocabulary	Pair work	M2.pdf	information
		the colors	evaluation criteria for the oral	names of the main		• Att.9b	and give a
		used to	presentation (Att. 9c) and gives them	organelles (nucleus,	□ Individual work	Lazzara	feedback to
		build the	the peer evaluation rubric with	ribosome, vacuole,	WOIK	-	students. T's
		different	criteria to assess the work of	mitochondria, golgi		Trotter	observation
		organelles	classmates and their oral	apparatus, chloroplast)		M2.pdf	with rubric.
		and their	presentation. (Att. 9b) Ss present the	 their functions 		• Att.9a	
		functions	cell models to their classmates T.	(storehouse, post office,		Lazzara	
			evaluates the oral presentation and	tiny factories, cellular		-	
			Com stru This is usin	highway, brain) Communicative structures This is Its function		Trotter	
						M2.pdf	
						• Cell	
						models •	
				is Simple sentences		Sheet with	
				using the simple		scaffolding	
				present to present the		for oral	
				cell models.		presentation	
						(Att. 9a) •	
						Cell models teacher	
						rubric (Att.	
						9c) • Peer	
						evaluation	
						rubric for	
						models and	
						oral	
						presentation	
						(Att. 9b)	

Unit number

Lesson number

3

1 Title

FINAL TEST and SELF EVALUATION QUESTIONNAIRE

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	5'	- Classifying into living and non- living things - Drawing the different steps of the life cycle of an animal or a plant, labelling and describing them Drawing an animal or plant cell and labelling the three main parts of the cell Matching the organelles with their function.	T hands out the final text and the self evaluation questionnaire and read the instructions.	Skills	 Whole class Group work Pair work Individual work 	 Att.10 Lazzara Trotter M2.pdf Final test and questionnaire (Att.10) 	Summative assessment

Key vocabulary - bossy verbs to give instructions e.g. read, fill in the blank, draw, match,... - examples of living and non-living things (wind - people chairs - rocks - air trees - snakes - fungi glass – flowers – plastic – air – girl – boy – dog – cat - castle skyscraper) - Steps of the life cycle. - Verbs related to the life cycle (be born, eat, grow, reproduce, die) - main parts of a cell (membrane, nucleus, cytoplasm, cell wall) names of the main organelles (nucleus, ribosome, vacuole, mitochondria, golgi apparatus, chloroplast) - their functions (storehouse, post office, tiny factories, cellular highway, brain)

2 45	5'	- Classifying into living and non- living things - Drawing the different steps of the life cycle of an animal or a plant, labelling and describing them Drawing an animal or plant cell and labelling the three main parts of the cell Matching the organelles with their function. Life skills: • communication in foreign languages • learning to learn	Ss work individually on the test then reflect on their attitude and learning process and fill in the questionnaire	Skills	 □ Whole class □ Group work □ Pair work ■ Individual work 	 Att.10 Lazzara Trotter M2.pdf Final test and self evaluation questionnaire (Att.10) 	Summative assessment

Key vocabulary
- examples of living and
non-living things (wind
– people – chairs – rocks
– air – trees – snakes –
fungi – glass – flowers –
plastic – air – girl – boy
– dog – cat – castle -
skyscraper) - Steps of
the life cycle Verbs
related to the life cycle
(be born, eat, grow,
reproduce, die) - main
parts of a cell
(membrane, nucleus,
cytoplasm, cell wall) -
names of the main
organelles (nucleus,
ribosome, vacuole,
mitochondria, golgi
apparatus, chloroplast)
- their functions
(storehouse, post office,
tiny factories, cellular
highway, brain)

Unit number

Lesson number

3

Title

2

TEST CORRECTION

Activity	Timing	Learning Outcomes	Activity Procedure	Language	Interaction	Materials	Assessment
1	50'	Life skills: • communication in foreign languages • learning to learn	T hands out the test and corrects it with the Ss using different strategies: - Projection; - Reading aloud; - Team game (Ss are divided in teams and try to correct the test one team at a time)	Skills	 Whole class Group work Pair work Individual work 	• Att.10 Lazzara - Trotter M2.pdf Final test (Att.10)	T's observation and check.

Key vocabulary - bossy verbs to give instructions e.g. read, fill in the blank, draw, match,... - examples of living and non-living things (wind - people chairs - rocks - air trees - snakes - fungi glass – flowers – plastic - air - girl - boy - dog cat - castle skyscraper) - Steps of the life cycle. - Verbs related to the life cycle (be born, eat, grow, reproduce, die) - main parts of a cell (membrane, nucleus, cytoplasm, cell wall) names of the main organelles (nucleus, ribosome, vacuole, mitochondria, golgi apparatus, chloroplast) - their functions (storehouse, post office, tiny factories, cellular highway, brain)

	Communicative structures - Imperative to give instructions Simple sentences using the simple present to describe the life cycle What is it? Is it a living or non-living thing? What is it made of? It is made of		
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