FOSTER AND PARTNERS - LUNAR HABITATION - TEST YOUR KNOWLEDGE

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ENGLISH WORD	ITALIAN WORD	ENGLISH WORD	ITALIAN WORD
1 METEOROIDS		11 SCOOP	
2 SOIL		12 BINDING	
3 REGOLITH		13 LANDER	
4 SHELL		14 ROCKET	
5 DUST (Moon dust)		15 LAUNCH	
6 FLUCTUATION		16 SCAFFOLDING	
7 HEAD (printing head)		17 AIRLOCK	
8 FOAM		18 SKYLIGHT	
9 BONE		19 (to) ENDURE	
10 DOME (inflatable dome)		20 HABITATION	

EXERCISE. Complete the table

EXERCISE. Put the following 7 steps in order

STEPS	FROM 1 TO 7
A) The two robots collect regolith (=lunar soil) from the moon surface. They create a shell on the inflatable dome. The shell is made up of a hollow closed cellular structure similar to foam (in order to keep the amount of binding "ink" to a minimum)	
B) Although the shell is very light, it ensures a good strength	
C) This project explores the possibilities of 3D printing to construct lunar habitations	
D) When the lunar base is complete it can house 4 people	
E) The cylinder inside the lander contains an inflatable dome and two robot 3D printers	
F) On the moon there isn't protection from meteoroids and the temperature range between -30°C and +20°C. For these reasons the lunar habitation needs to be protected.	
G) The lunar lander arrives at its destination.	

EXERCISE. Complete the text with the words below

PEOPLE - DUST - FLUCTUATIONS - MONTHS - SOIL - SURFACE - DOME - PROTECTION - ATMOSPHERE - POLE - TEMPERATURE

1) On the moon there isn't _____ from meteoroids

2) The planned site for the lunar base is at the moon's Northern _ _ _ _

3) The lunar _ _ _ is known as "regolith"

4) The robot collects regolith from the moon _ _ _ _ _ _

5) The lunar base is designed to house 4 _____

6) The protection shell is built up with layers of moon _ _ _ _

7) The shell protects the lunar habitation from high temperature _____

- 8) The building process takes about three earth _____
- 9) The moon hasn't got an _____ range on the moon is between -30°C and +20°C
- 11) The cylinder inside the lander contains an inflatable _ _ _ _