



INSPIRED TOTS EARLY LEARNING CENTRE

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BASIC SCIENCE FIRST TERM ASSESSMENT 2024 2025 SESSION

5TH GRADE

NAME _____

Instruction: Complete the sentences using the words in the box

Axis	Sun	complete	Sun
light	revolution	Earth	
planets	rotates	Solar	

- 1) Earth _____ anticlockwise on its _____
- 2) It takes 24 hours to _____ one full rotation.
- 3) The Sun provides _____ for _____
- 4) Our _____ System is the name given to the _____ and all the _____ that go around it.
- 5) It takes $365 \frac{1}{4}$ days for Earth to complete one _____
- 6) Earth revolves around the _____
- 7) What are the major sources of light for Earth and other planets? Choose the correct answers.

Moon	Other planets	
Ursa Major	Ursa Minor	Sun
Street lights	Stars	

Instruction: Use one word from the box to answer each question.

Mercury	Uranus	Mars	Jupiter
Saturn	Sun	Moon	

- 8) Name an outer planet. _____
- 9) Which planet has seven rings? _____
- 10) Which is the largest planet? _____
- 11) Name an inner planet. _____
- 12) What is Earth satellite called? _____
- 13) What provides heat and light on Earth? _____
- 14) Which planet has red soil? _____



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Instruction: Look at the table below. It shows the strength of gravity on different parts of the Solar System.

Mercury	Venus	Moon	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto
3.8	8.8	1.7	3.7	23.1	9.0	8.7	11.0	0.6

Imagine you can travel to other planets when your mass on Earth is 27 kg and Earth's gravity is 10N.

15) What will your mass be on Jupiter? _____

16) What will your mass be on the moon? _____

17) What will your weight in Newtons be on Saturn? _____

18) What will your weight in Newtons be on Mars? _____

19) On which part of the Solar System will your weight be the highest?

20) If you are sitting down, on which part of the Solar System would it be easiest to stand up? _____