

# MEMORANDUM

## GRADE 4 NST – TERM 4

Name and surname: \_\_\_\_\_

Total: 40

Date: \_\_\_\_\_

Time: 1 hour

### INSTRUCTIONS

1. Read the questions carefully.
2. Answer all the questions.
3. Write neatly.

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### QUESTION 1

Read the questions carefully. Draw a circle around the correct letter.

- 1.1. The Earth is round like a \_\_\_\_\_ and is made of rock. (1)
- a) Square
  - b) Oval
  - c) Semi oval
  - d) Sphere
- 1.2. The following are planets. Which one doesn't fit? (1)
- a) Jupiter
  - b) Moon
  - c) Saturn
  - d) Mars
- 1.3. The Sun is made of hot gas and gives out \_\_\_\_ and \_\_\_\_\_. (1)
- a) light and solar
  - b) heat and electricity
  - c) heat and light
  - d) light and movement
- 1.4. Choose the requirements that most plants need to survive. (1)
- a) Water, air and sunlight
  - b) Rocks, water and food
  - c) Air, rocks and sunlight

(Total: \_\_/4)

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## QUESTION 2

Choose a description in column B which fit with Column A and write down the letter.

Column A	Answer	Column B
Moon	<b>E</b>	A. The Earth moves around the Sun in a pathway called the ____
Atmosphere	<b>C</b>	B. Centre of the solar system
Jupiter	<b>D</b>	C. Thin layer of air surrounding the Earth
Orbit	<b>A</b>	D. The biggest planet.
Sun	<b>B</b>	E. There is no air present.
Saturn		

(Total: \_\_/5)

## QUESTION 3

Is the following statements TRUE or FALSE?

- 3.1. The sun is a star. True (1)
- 3.2. Mars is a blue color. False (1)
- 3.3. The Earth is one of ten planets in the solar system. False (1)
- 3.4. Pluto is still one of the planets. False (1)
- 3.5. The changing pattern of sunlight on the Moon is called the phases of the moon - the pattern repeats every 29 ½ days. True (1)

(Total: \_\_/5)

## QUESTION 4

Underline the correct answer:

- 4.1. The sun is made out of ( cold / warm ) gas. (1)
- 4.2. The Moon is ( smaller / bigger ) than the Earth. (1)
- 4.3. The Moon is ( further / closer ) to the Earth than the Sun. (1)
- 4.4. We cannot see ( sunrays / ultraviolet rays ), but they burn our skin when we are in the sun without sun block. (1)

(Total: \_\_/4)

### QUESTION 5

Write the names of the planets in the correct order, start with the planets nearest to the sun.

1. Mercury
2. Venus
3. Earth
4. Mars
5. Jupiter
6. Saturn
7. Uranus
8. Jupiter

**Total ( 8 x  $\frac{1}{2}$  ) = \_\_\_/4**

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### QUESTION 6

Draw a food chain in the block below. You must have 5 organisms in your food chain.

Remember to label your food chain.

**Total ( 6 x  $\frac{1}{2}$  ) = \_\_\_/3**

Rubric food chain		Mark
1. Learner has 5 organisms in his food chain.	5	
2. The learner labeled his organisms	$\frac{1}{2}$	
3. The organisms are placed in a logical and correct sequence.	$\frac{1}{2}$	
	Total	_____/6

### QUESTION 7

Find the words in the word box and circle or color the words.

satellite		star		Neptune		meteor		astronaut			
R	S	T	A	R	F	D	L	W	E	A	A
C	G	D	J	G	O	D	O	O	K	S	S
R	E	F	L	E	C	T	O	R	K	K	T
A	C	O	L	I	D	W	X	L	S	S	R
N	O	M	E	T	E	O	R	G	Y	A	O
G	F	G	A	I	C	W	J	U	S	T	N
E	V	V	X	I	B	T	Z	L	Q	E	A
H	E	X	Q	W	N	H	E	E	D	L	U
E	Q	V	C	T	R	A	N	S	F	L	T
A	E	Y	U	J	E	D	F	N	Y	I	B
T	T	T	Z	U	T	K	L	I	G	T	T
N	E	P	T	U	N	E	R	B	H	E	M

(Total: \_\_/5)

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### QUESTION 8

Write one word for the following definitions:

- 8.1. Devises that orbits the Earth and are used to transmit information about the Earth, like climate changes, TV signals, and communication networks are called Satellite (1)
- 8.2. Planet which is famous for the beautiful rings that surround it. Saturn (1)
- 8.3. A special kind of scientist that takes a space ship to outer space to study things like asteroids, the Earth's atmosphere and the Moon. Astronaut (1)

(Total: \_\_/3)

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### QUESTION 9

Look at the world map and write down the names of the 7 continents.



1. Asia
2. Africa
3. North America
4. South America
5. Antarctica
6. Europe
7. Australia

(Total: \_\_/7)

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Total: \_\_\_\_/40