

Annual Examinations for Primary Schools 2018

YEAR 4

SCIENCE
Sample Paper

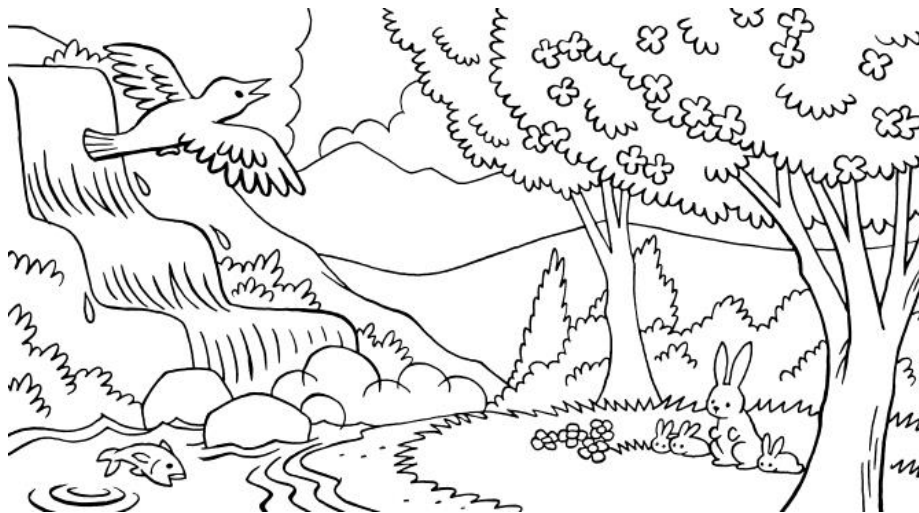
TIME: 45 minutes

School: _____

Name: _____

Class: _____

1. Look at the picture below.



a) Write down **three** living things you can see in the picture.

i. _____ ii. _____ iii. _____ (3 marks)

b) Plants need water to survive.

Water is a basic need.

Name **two** other basic needs of plants.

i. _____ ii. _____ (2 marks)

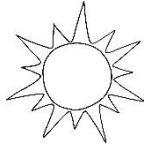
c) Plants and animals form part of a food chain.

Write the words in the correct order to form a food chain.

small fish



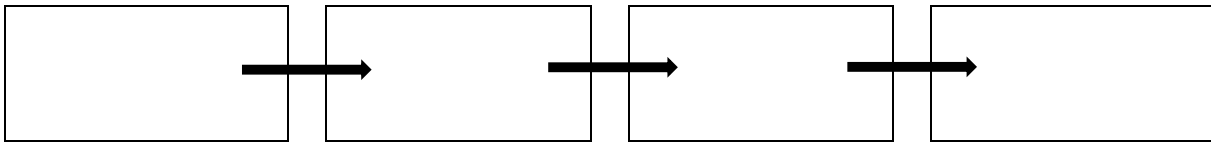
sun



shark

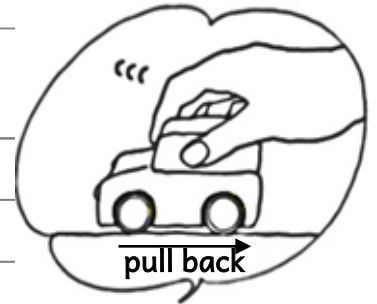
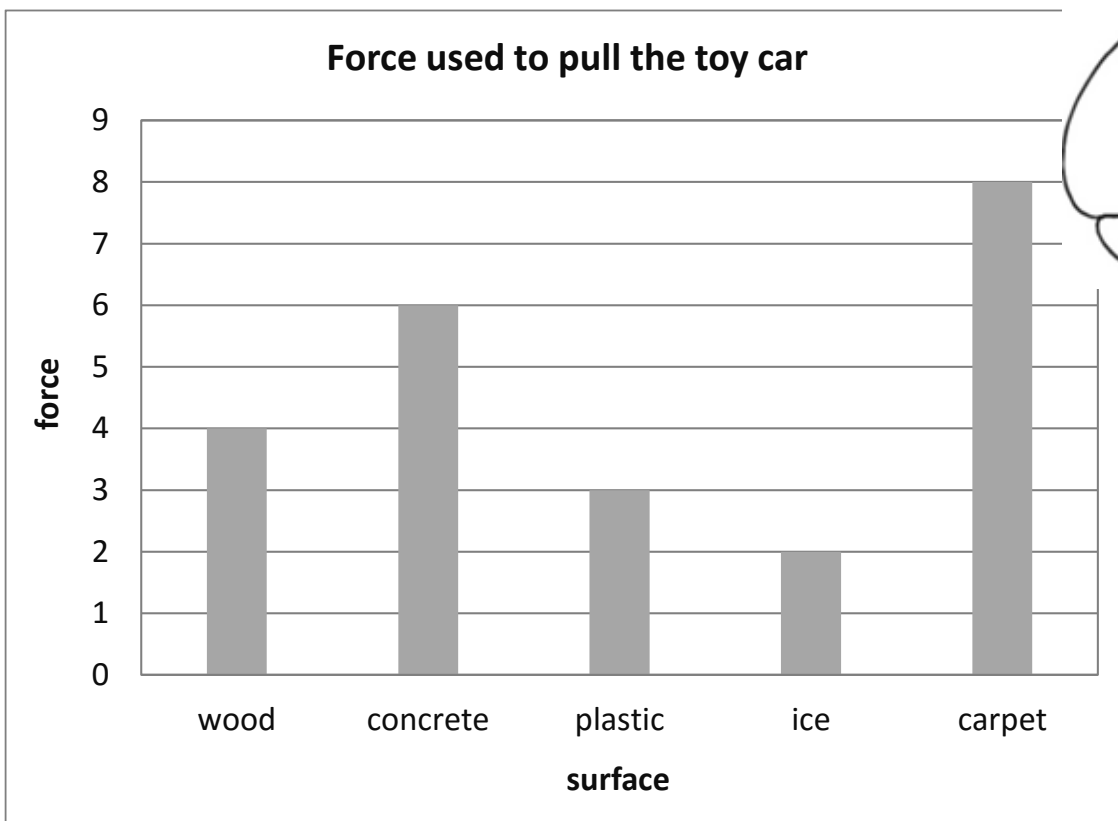


seaweed



(2 marks)

2. The bar chart below shows the force used to pull a toy car on different surfaces.



a) Underline the correct answer.

A rough surface has (more, less, no) friction so you need (more, less, no) force to pull the toy car.

(2 marks)

b) Which surface has:

i. the **most** friction? _____.

(1 mark)

ii. the **least** friction? _____.

(1 mark)

c) i. Choose the best surface for a slide. Tick (✓) the correct box.

wood plastic concrete (1 mark)

ii. Give a reason for your choice.

_____ (2 marks)

3. Match each sentence in Column A to the correct sentence in Column B.

The first one is done as an example.

	Column A		Column B
a.	A blanket is made of wool.		We can see round a corner.
b.	A nail is made of metal.		It cannot melt.
c.	A wooden spoon is used to stir a hot soup.		It reaches our ears.
d.	Electric wires are covered in plastic.	a.	It keeps us warm.
e.	We use a cotton towel to dry ourselves.		It is an insulator.
f.	Curved mirrors are used in some shops.		It cannot bend easily.
g.	Sound travels.		It absorbs water.






(6 marks)

4. Our solar system. What am I?

- a) I am the closest planet to the sun. _____
- b) I am famous for my bright rings. _____
- c) I was a planet. Now scientists call me a dwarf planet. _____
- d) I take about 28 days to orbit planet Earth. _____
- e) I am a star. I give out heat and light. _____

(5 marks)

5. Look at the weather report below. Answer the questions that follow.

Monday	Tuesday	Wednesday	Thursday	Friday
				
Clear	Clear	Partly Cloudy	Partly Cloudy	Clear
Wind Force 3	Wind Force 3	Wind Force 4	Wind Force 5	Wind Force 2
29°C	30°C	30°C	33°C	31°C
21°C	23°C	25°C	22°C	21°C
UV index 9	UV index 10	UV index 11	UV index 11	UV index 10

a) Which day has the highest temperature? _____ (1 mark)

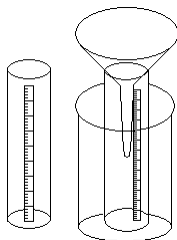
b) John says that this shows a weather report taken in the month of November. Kate says that this shows a weather report in June.

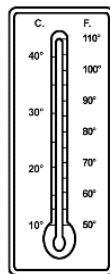
i. Who is right? _____ (1 mark)

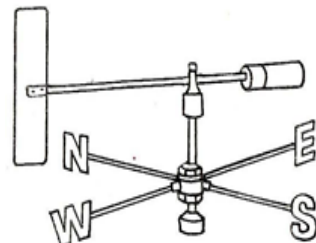
ii. Give a reason for your choice.

 _____ (2 marks)

c) Tick (✓) the weather instrument which shows wind direction.







(1 mark)

END OF PAPER