Science Practice 3

41 Which part of the water cycle involves water falling from clouds back to Earth?

- A freezing
- B evaporation
- C condensation
- D precipitation

42 What is a long-term effect of regular exercise?

- A taller body
- B less energy
- C better hearing
- D stronger heart

43 What pulls on bones to make them move?

- A arteries
- B nerves
- C muscles
- D skin

44 Which soup would be best for someone on a low-fat diet?

Amount per serving	Soup			
	A	B	C	D
calories	150	100	180	120
total fat (g)	1.5	2.0	4.2	3.6
salt (mg)	850	950	800	830

A | B | C | D

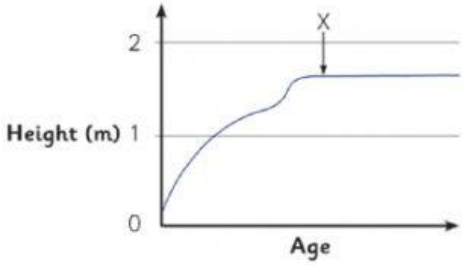
LIVEWORKSHEETS

45 What is the function of blood vessels in the human body?

A	Blood vessels are liquids that dissolve nutrients.
B	Blood vessels pump blood around the body.
C	Blood vessels carry blood to all parts of the body.
D	Blood vessels form scabs when skin is cut.

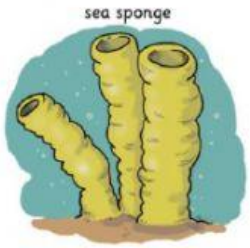
46 The graph shows how Hassan's height changes as he gets older.

What is Hassan's life stage at point X?



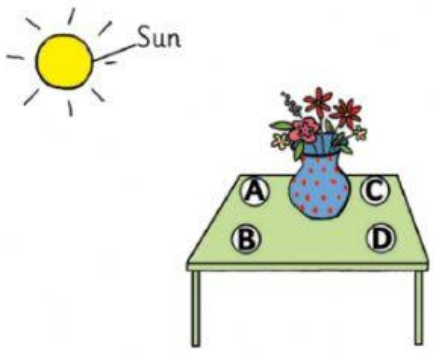
47 A sponge is a sea animal. It pumps water through its body. The water transports food, gases and waste.

What system has the same function in humans?



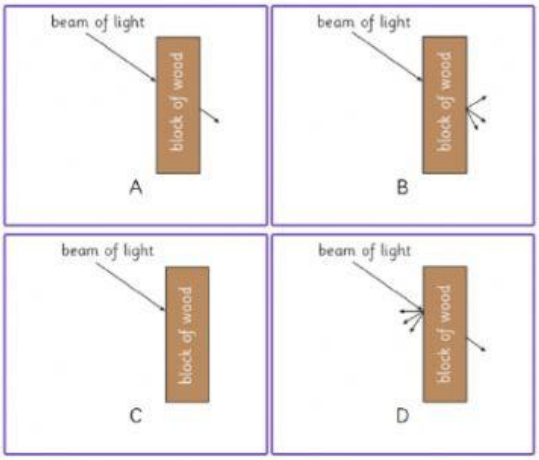
48 Kato puts a vase of flowers on a table in the garden.

Where on the table will the shadow appear?



LIVEWORKSHEETS

49 **What would happen to the beam of light when it hits the wood?**



50 Which object is a source of light?

A	a mirror
B	the Moon
C	a gold ring
D	a computer screen

51 Adam investigates whether storms with lightning produce more rain than storms without lightning.

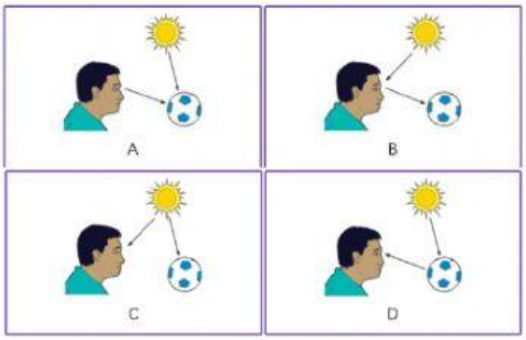
He can answer this question by recording...



A	the average volume of rainfall during lightning storms.
B	the number of lightning strikes during a lightning storm.
C	the volume of rainfall in storms with and without lightning.
D	the number of fires that are caused by lightning strikes.

52 Hassan looks at a football.

Which diagram shows how light travels so that Hassan can see the football?



LIVEWORKSHEETS

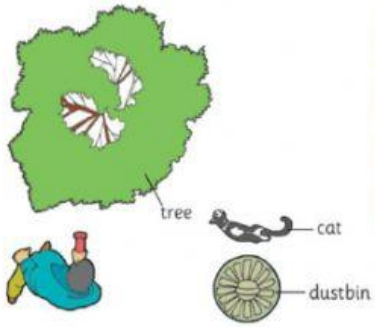
53 Emma sees the shadow of a cat on a wall.

Which statement best explains why the shadow has the same shape as the cat?

A	The cat is close to the light source.
B	The light travels in straight lines from the light source.
C	The cat has black fur that attracts the light.
D	The light reflects off the surface of the cat.

54.1 Mr Patel is looking for his cat in the garden at night. It is completely dark outside.
Mr Patel shines his torch at the tree.
Which of the following correctly completes the sentence?

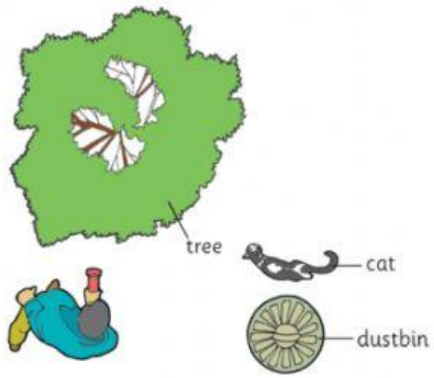
Mr Patel **can** see the tree because...



A	the tree's light reflects into his eyes.
B	the torch's light reflects off the tree into his eyes.
C	light reflects from the tree to the torch.
D	light from his eyes reflects off the tree.

54.2 Mr Patel is looking for his cat in the garden at night. It is completely dark outside.
Mr Patel shines his torch at the tree.
Which of the following correctly completes the sentence?

Mr Patel **cannot** see his cat because...



A	the dustbin blocks the light before it reaches the cat.
B	the dustbin reflects the light away from the cat.
C	light from the torch does not bend towards the cat.
D	light from the cat is reflected away by the torch.

55 Which mixture will form a solution?

A	salt and water
B	sand and water
C	salt and pepper
D	sand and pepper

LIVEWORKSHEETS

56 Jack digs up some pieces of pottery and old coins.

How should Jack separate the soil from the pottery and the coins?

 A. Put them in a filter funnel.	 B. Hold a magnet over them.
 C. Shake them gently in a sieve.	 D. Leave them in a warm place.

57 Lily has a salt solution. She wants to separate the salt from the water.

What should she do?

- A Filter the salt.
- B Freeze the solution.
- C Evaporate the water.
- D Pour the water out of the container.

58 Marek has two substances. One is a liquid, the other is a gas.

Which statement describes **both** substances?

- A Both substances have very little mass.
- B Both substances are transparent.
- C Both substances take the shape of any container.
- D Both substances can be broken into smaller pieces.

59 Mrs Patel uses perfumed oil to make her home smell nice.

Which change is **not** reversible?

- A oil evaporating
- B candle wax melting
- C candle wick burning
- D pot heating up



60 A new substance is formed when...

- A a nail rusts.
- B sugar is added to tea.
- C water is changed to steam.
- D paper is folded.

LIVEWORKSHEETS