Name _____ Date _____

Science · Practice paper

Science Practice Paper (1)

Answer every question. A grown-up can read the questions aloud. Mark it out of 117.

Score: _____ / 117

★ 0 to 57 keep practising ★★ 58 to 90 good work ★★★ 91 to 117 super!



Groups of living things

Plants and animals are living things. Animal groups: mammals, birds, fish, reptiles, amphibians, insects.

1. Living or non-living? Circle. (4 marks)

1.	a cat	living	non-living
2.	a rock	living	non-living
3.	a sunflower	living	non-living
4.	a pencil	living	non-living

2. Match the animal to its group. Write the letter in the box. (6 marks)

☐	1. cow	a)	bird
☐	2. parrot	b)	mammal
☐	3. shark	c)	insect
☐	4. lizard	d)	amphibian
☐	5. frog	e)	reptile
☐	6. bee	f)	fish

Name _____ Date _____

Science · Practice paper

Science Practice Paper (2)

Name the parts of a plant.




Parts of a plant

A plant has roots, a stem, leaves and flowers. Many also make fruit and seeds.

roots **stem** **leaves** **flower** **seeds**

3. Fill in the part. (5 marks)

1. The _____ take in water from the soil.
2. The _____ holds the plant up.
3. The _____ make food using sunlight.
4. The _____ makes seeds.
5. New plants grow from _____.

4. Which part do we eat? Circle. (4 marks)

1.	 carrot	root	leaf	flower	fruit
2.	 spinach	root	leaf	flower	fruit
3.	 broccoli	root	leaf	flower	fruit
4.	 apple	root	leaf	flower	fruit

5. True or False? Circle. (2 marks)

1. The stem carries water up the plant.	True	False
2. Roots grow up in the air.	True	False

Name _____ Date _____

Science · Practice paper

Science Practice Paper (3)

How does a seed grow?

seed | shoot | leaves | flower

6. How a plant grows. Fill in the missing words. (4 marks)



Plant the _____ and water it



A tiny _____ comes up



It grows more _____



It grows a _____

7. Does a plant need it to grow? Circle. (4 marks)

1.	water	needs	does not need
2.	sunlight	needs	does not need
3.	sweets	needs	does not need
4.	a TV	needs	does not need

8. Circle the right answer. (2 marks)

1. A plant kept in a dark cupboard will … — grow well | turn yellow and weak

2. A plant with no water will … — wilt | grow faster

Name _____ Date _____

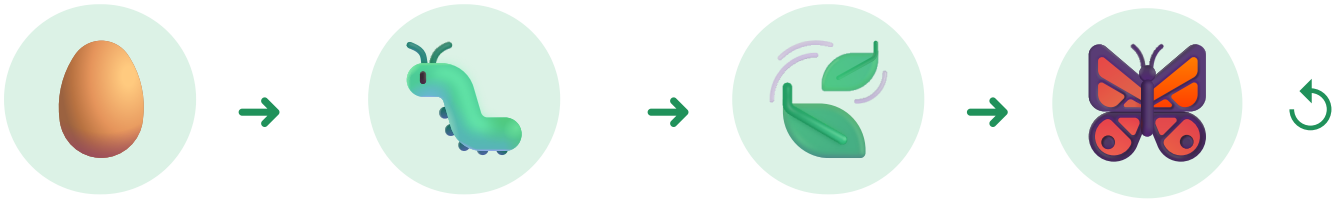
Science · Practice paper

Science Practice Paper (4)

Animals grow and change. Keep going: this paper has ten pages.

egg | caterpillar | pupa

9. The life cycle of a butterfly. Fill in. (3 marks)



_____ _____ _____ butterfly

10. Match the animal to its young one. Write the letter in the box. (4 marks)

☐	1. cat	a)	puppy
☐	2. dog	b)	kitten
☐	3. hen	c)	calf
☐	4. cow	d)	chick

11. True or False? Circle. (3 marks)

1. A chick hatches from an egg. True False
2. A tadpole grows into a frog. True False
3. A baby always looks just like its parent. True False

12. Write one way you have changed since you were a baby. (2 marks)

_____

Name _____ Date _____

Science · Practice paper

Science Practice Paper (5)

Living things grow, need food and water, and make young ones.



Living or non-living?

Living things grow, breathe, need food and water, and make young ones.

13. Living or non-living? Circle. (6 marks)

1. a tree — living / non-living
2. a teddy bear — living / non-living
3. a horse — living / non-living
4. a ball — living / non-living
5. a mushroom — living / non-living
6. scissors — living / non-living

14. Circle the right answer. (3 marks)

1. Living things need … — food and water / batteries
2. Which one is non-living? — a bird / a spoon
3. Living things … — never change / grow

15. True or false? Circle. (2 marks)

1. A car moves, so it is living. — True / False
2. A seed is a living thing. — True / False

Name _____ Date _____

Science · Practice paper

Science Practice Paper (6)

Animals are put into groups.

mammal | bird | fish | reptile | amphibian | insect

16. Write the group. (6 marks)



1. dog: _____



2. penguin: _____



3. fish: _____



4. turtle: _____



5. frog: _____



6. butterfly: _____

17. Circle the right answer. (4 marks)

1. Birds have … fur | feathers
2. Fish breathe with … gills | lungs
3. Insects have … legs. four | six
4. Mammal babies drink their mother's … milk | juice

18. Circle the odd one out. Write it. (3 marks)

1. cat, cow, eagle, goat → _____
2. snake, lizard, crocodile, frog → _____
3. ant, bee, sparrow, butterfly → _____

Name _____ Date _____

Science · Practice paper

Science Practice Paper (7)

Each part of a plant has a job.

19. Match the part to its job. Write the letter in the box. (5 marks)

☐	1. roots	a)	holds the plant up
☐	2. stem	b)	keeps the seeds safe
☐	3. leaves	c)	make food using sunlight
☐	4. flower	d)	take in water from the soil
☐	5. fruit	e)	makes seeds

20. Which part do we eat? Circle. (4 marks)

1.	 sweet potato	root	leaf	fruit	seed
2.	 lettuce	root	leaf	fruit	seed
3.	 grapes	root	leaf	fruit	seed
4.	 peanuts	root	leaf	fruit	seed

21. Fill in. (3 marks)

1. Plants make food in their _____.
2. The _____ hold the plant in the soil.
3. Seeds are often inside the _____.

22. Draw a plant. Label the roots, stem, leaf and flower. (4 marks)

Name _____ Date _____

Science · Practice paper

Science Practice Paper (8)

A seed needs water, air and warmth to grow. A plant needs sunlight too.

water **sunlight** **air** **space**

23. What does a plant need? Fill in. (4 marks)

1. Plants drink _____ through their roots.
2. Plants use _____ to make food.
3. Plants need _____ all around them.
4. Plants need _____ to grow big.

24. Number the steps 1, 2, 3 and 4. (4 marks)

1. The seed grows roots. _____
2. Plant a seed in the soil. _____
3. A flower opens. _____
4. A shoot comes up with leaves. _____

25. Plant problems. (3 marks)

1. On Monday the plant was 3 cm tall. On Friday it was 8 cm tall. It grew _____ cm.
2. Hira planted 10 seeds. 7 grew. _____ seeds did not grow.
3. A plant has 4 leaves. It grows 2 more. Now it has _____ leaves.

26. Two plants: one is watered, one is not. Circle. (2 marks)

1. Which plant grows well? — the watered plant / the dry plant
2. Which plant wilts? — the watered plant / the dry plant

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Name _____ Date _____

Science · Practice paper

Science Practice Paper (9)

Young animals grow into adults.

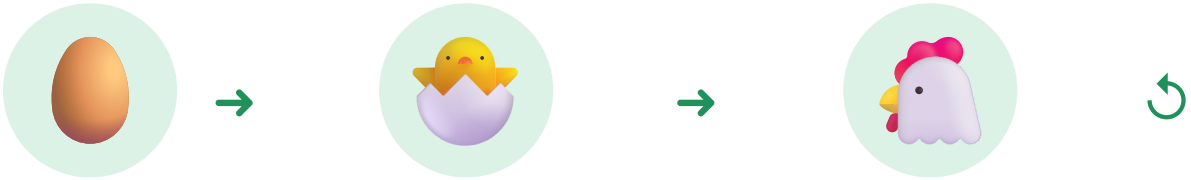


Animals grow

Some animals hatch from eggs. Others are born live.

egg | hatches | hen

27. The life cycle of a hen. Fill in. (3 marks)



an _____ the chick _____ it grows into a _____

28. Match the animal to its young one. Write the letter in the box. (4 marks)

☐	1. sheep	a)	kid
☐	2. goat	b)	lamb
☐	3. horse	c)	tadpole
☐	4. frog	d)	foal

29. Hatched from an egg or born live? Circle. (4 marks)

1.	puppy	hatched from an egg	born live
2.	duckling	hatched from an egg	born live
3.	baby crocodile	hatched from an egg	born live
4.	calf	hatched from an egg	born live

Name _____ Date _____

Science · Practice paper

Science Practice Paper (10)

Think carefully. Add up your marks from all ten pages.

30. True or false? Circle. (5 marks)

1. A tree is a living thing. True False
2. A spider is an insect. True False
3. Roots take in water. True False
4. A frog is a mammal. True False
5. A kitten grows into a cat. True False

31. Spot the mistake. Circle the wrong one. (3 marks)

1. A fish has gills. / A fish has feathers.
2. Roots make flowers. / Leaves make food.
3. A calf grows into a cow. / A calf grows into a horse.

32. A plant is kept in a dark cupboard. Why does it turn yellow? (2 marks)

_____

How did I do? Write one thing you can do now.

I can _____ .

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ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (1)

Answer every question. A grown-up can read the questions aloud. Mark it out of 117.

Score: _____ / 117

★ 0 to 57 keep practising ★★ 58 to 90 good work ★★★ 91 to 117 super!



Groups of living things

Plants and animals are living things. Animal groups: mammals, birds, fish, reptiles, amphibians, insects.

1. Living or non-living? Circle. (4 marks)

1. a cat — **living** / non-living
2. a rock — living / **non-living**
3. a sunflower — **living** / non-living
4. a pencil — living / **non-living**

2. Match the animal to its group. Write the letter in the box. (6 marks)

b	1. cow	a)	bird
a	2. parrot	b)	mammal
f	3. shark	c)	insect
e	4. lizard	d)	amphibian
d	5. frog	e)	reptile
c	6. bee	f)	fish

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (2)

Name the parts of a plant.




Parts of a plant

A plant has roots, a stem, leaves and flowers. Many also make fruit and seeds.

roots **stem** **leaves** **flower** **seeds**

3. Fill in the part. (5 marks)

1. The **roots** take in water from the soil.
2. The **stem** holds the plant up.
3. The **leaves** make food using sunlight.
4. The **flower** makes seeds.
5. New plants grow from **seeds** .

4. Which part do we eat? Circle. (4 marks)

1.	carrot	**root**	leaf	flower	fruit
2.	spinach	root	**leaf**	flower	fruit
3.	broccoli	root	leaf	**flower**	fruit
4.	apple	root	leaf	flower	**fruit**

5. True or False? Circle. (2 marks)

1.	The stem carries water up the plant.	**True**	False
2.	Roots grow up in the air.	True	**False**

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (3)

How does a seed grow?

seed | shoot | leaves | flower

6. How a plant grows. Fill in the missing words. (4 marks)




Plant the **seed** and water it → A tiny **shoot** comes up →




It grows more **leaves** → It grows a **flower**

7. Does a plant need it to grow? Circle. (4 marks)

1.	water	**needs**	does not need
2.	sunlight	**needs**	does not need
3.	sweets	needs	**does not need**
4.	a TV	needs	**does not need**

8. Circle the right answer. (2 marks)

1. A plant kept in a dark cupboard will ...
   - grow well
   - **turn yellow and weak**

2. A plant with no water will ...
   - **wilt**
   - grow faster

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (4)

Animals grow and change. Keep going: this paper has ten pages.

egg | caterpillar | pupa

9. The life cycle of a butterfly. Fill in. (3 marks)



egg → caterpillar → pupa → butterfly

10. Match the animal to its young one. Write the letter in the box. (4 marks)

b	1. cat	a)	puppy
a	2. dog	b)	kitten
d	3. hen	c)	calf
c	4. cow	d)	chick

11. True or false? Circle. (3 marks)

1. A chick hatches from an egg. **True** False
2. A tadpole grows into a frog. **True** False
3. A baby always looks just like its parent. True **False**

12. Write one way you have changed since you were a baby. (2 marks)

Answers will vary.

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (5)

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Living or non-living?

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4. a ball — living / **non-living**
5. a mushroom — **living** / non-living
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14. Circle the right answer. (3 marks)

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ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (6)

Animals are put into groups.

mammal | bird | fish | reptile | amphibian | insect

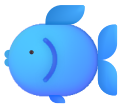
16. Write the group. (6 marks)



1. dog: **mammal**



2. penguin: **bird**



3. fish: **fish**



4. turtle: **reptile**



5. frog: **amphibian**



6. butterfly: **insect**

17. Circle the right answer. (4 marks)

1. Birds have … — fur | **feathers**
2. Fish breathe with … — **gills** | lungs
3. Insects have … legs. — four | **six**
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18. Circle the odd one out. Write it. (3 marks)

1. cat, cow, eagle, goat → **eagle**
2. snake, lizard, crocodile, frog → **frog**
3. ant, bee, sparrow, butterfly → **sparrow**

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (7)

Each part of a plant has a job.

19. Match the part to its job. Write the letter in the box. (5 marks)

d	1. roots	a)	holds the plant up
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21. Fill in. (3 marks)

1. Plants make food in their **leaves** .
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22. Draw a plant. Label the roots, stem, leaf and flower. (4 marks)

Drawings will vary.

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (8)

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water | sunlight | air | space

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3. Plants need **air** all around them.
4. Plants need **space** to grow big.

24. Number the steps 1, 2, 3 and 4. (4 marks)

1. The seed grows roots. **2**
2. Plant a seed in the soil. **1**
3. A flower opens. **4**
4. A shoot comes up with leaves. **3**

25. Plant problems. (3 marks)

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ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (9)

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27. The life cycle of a hen. Fill in. (3 marks)



an **egg** the chick **hatches** it grows into a **hen**

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ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (10)

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31. Spot the mistake. Circle the wrong one. (3 marks)

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_____

Answers will vary.

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