

KS1 Science Quiz - Plants - What Makes Them Grow? (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Science for children aged 5 and 6 in years 1 and 2. Specifically this quiz is aimed at the section dealing with how light, water and warmth are needed in order for plants to grow.

Plants do not eat food. They have to make their own food in their leaves. They need light, water and warmth to make this food. The more food they make, the more they can grow. So, the more light, water and warmth they get the bigger they grow. Let's find out more about what plants need.

1. Why has the flower wilted?



- Too much water
- Not enough water
- No sunlight
- Strong winds

2. Which one of these do plants need to grow?



- Rocks
- Sand
- Wind
- Sunlight

3. Tom is given a plant. He wants it to grow. Where should Tom put it?



- In a dark cupboard
- Under the stairs
- In a sunny window
- Under a bucket

4. Helen is growing a pepper plant. She is growing it in a greenhouse. Why does it grow well in a greenhouse?



- Because the greenhouse is warm and sunny
- Because the greenhouse is cold and dark
- Because the greenhouse is cold and dry
- Because the greenhouse is warm and dark

5. What temperature do plants like best?



- Very hot
- Very cold
- Warm
- Chilly

6. It is wintertime. These roses have died. What has killed the roses?



- Sun and rain
- Cold and ice
- Sun and warmth
- Wind and sun

7. When do plants grow quickest?



- October
- December
- February
- May

8. Why do plants like the rain?



- Plants like getting wet
- Plants can swim
- Plants need water to grow
- Rain washes the plants clean

9. Plants need food to grow. When will this plant make most food?



- Night
- Day
- Evening
- Dawn

10. The cactus can live in very dry places. But even the cactus needs some ____ to stay alive.



- Sand
- Rock
- Dust
- Water

KS1 Science Quiz - Plants - What Makes Them Grow? (Answers)

1. Why has the flower wilted?



- Too much water
- Not enough water
- No sunlight
- Strong winds

Flowers can't speak. But if they wilt, you know they want water

2. Which one of these do plants need to grow?



- Rocks
- Sand
- Wind
- Sunlight

Plants must have light to grow

3. Tom is given a plant. He wants it to grow. Where should Tom put it?



- In a dark cupboard
- Under the stairs
- In a sunny window
- Under a bucket

Plants will not grow in the dark

4. Helen is growing a pepper plant. She is growing it in a greenhouse. Why does it grow well in a greenhouse?



- Because the greenhouse is warm and sunny
- Because the greenhouse is cold and dark
- Because the greenhouse is cold and dry
- Because the greenhouse is warm and dark

Greenhouses have lots of glass. Do you have a greenhouse?

5. What temperature do plants like best?



- Very hot
- Very cold
- Warm
- Chilly

If it is too hot, plants will wilt. If it is too cold, plants will die

6. It is wintertime. These roses have died. What has killed the roses?



- Sun and rain
- Cold and ice
- Sun and warmth
- Wind and sun

Some plants do flower in the winter. Can you think of a plant that flowers in the winter? That's right - the snowdrop!

7. When do plants grow quickest?



- October
- December
- February
- May

Plants grow quickest in spring and early summer

8. Why do plants like the rain?



- Plants like getting wet
- Plants can swim
- Plants need water to grow
- Rain washes the plants clean

Do you like being out in the rain?

9. Plants need food to grow. When will this plant make most food?



- Night
- Day
- Evening
- Dawn

There is more sunlight in the daytime. That is when plants make most of their food

10. The cactus can live in very dry places. But even the cactus needs some ____ to stay alive.



- Sand
- Rock
- Dust
- Water

The inside of a cactus stores a lot of water