

Primary Quiz Champ**September 2026****Theme: Amazing Weather Adventures****YEAR 1**

1. Why do you feel hotter in a black T-shirt than in a white one on a sunny day?
2. Why does your ice cream melt faster in the playground than inside the classroom?
3. Why does the slide in the park become too hot to sit on in summer?
4. Why does the ground feel cool after rain, even when the sun comes back out?
5. Why does a kite fly better on a windy day than on a still day?
6. Why does the beach sand feel hot under your feet, but the sea water feels cool?
7. Why do we sometimes see our breath like a little cloud on a cold morning?
8. Why do birds puff up like fluffy balls on cold days?
9. Why can an umbrella keep us safe from both the sun and the rain?
10. Why do we drink cold water in summer but warm soup in winter?

YEAR 2

1. Why does fog make it difficult to see things that are far away?
2. Why do we see the lightning first and hear the thunder a few seconds later?
3. Why does a cold-water bottle get "sweaty" when you take it outside in summer?
4. Why do the leaves of some trees change colour before they fall in autumn?
5. Why can a windy day feel colder even when the thermometer shows the same temperature?
6. Why do clouds float in the sky when they are full of heavy water?
7. Why does the UAE get so little rain even though it sits right next to the sea?
8. Why does fog cover Dubai on some winter mornings but disappear by lunchtime?
9. Why does a wet playground dry faster in the sun than in the shade?
10. Why do we feel sticky on a humid day but dry on a hot desert day?
11. Why do camels cope with the desert heat better than people do?

12. Why do some birds fly to a different country when the seasons change?
13. Why can hail fall in summer even though it is made of ice?
14. Why does it get dark earlier in winter than in summer?
15. Why can very high temperatures be dangerous for people and animals?

YEAR 3

1. Why do mountains like Jebel Jais receive more rain than the flat desert around them?
2. Why does the open desert cool down so quickly at night while a city like Dubai stays warm?
3. Why is it winter in the UAE at the same time as it is summer in Australia?
4. Why does rain sometimes evaporate before it ever reaches the ground in the UAE?
5. Why does the UAE use cloud seeding, and why does it not always produce rain?
6. Why does a coastal city feel more humid, but a desert town feel hotter at the same temperature?
7. Why do tornadoes spin, and why do they almost never happen in the UAE?
8. Why does lightning strike tall buildings and trees more often than flat ground?
9. Why is the "feels like" temperature on a weather app different from the real temperature?
10. Why do white rooftops keep a building cooler than dark ones, and why does this matter for a whole city?
11. Why can melting ice at the North and South Poles change the weather thousands of kilometres away?
12. Why does warm air rise, and why does this create wind?
13. Why do weather scientists send balloons high into the sky every day?
14. Why does a hurricane become weaker once it moves over land?
15. Why does a puddle get ripples when the wind blows over it?
16. Why can a sunny winter day in Dubai still feel cold in the shade?
17. Why can dust from the Sahara Desert travel all the way across the Atlantic Ocean?
18. Why are heat waves often more dangerous than storms, even though they look calm and quiet?
19. Why did sailors long ago plan their journeys around the monsoon winds?
20. Why do the seasons in the UAE feel more like "hot" and "less hot" instead of four clear seasons?