

Wind, Water & the 4 Seasons

These questions will enable you to conduct a pre-assessment and post-assessment of your students' knowledge of weather concepts. The questions are directly related to the subject matter taught in the program. An answer key is provided. Please comment on the value of this material when submitting the program evaluation form.

1. How long does it take the Earth to make one revolution around the sun?
2. The Earth revolves around the sun, what does this mean for us on Earth?
3. When the Northern hemisphere has winter, what season is the Southern hemisphere experiencing?
4. What happens to air when it gets warmer?
5. How does warm air help make wind?
6. What is the name of the process by which the Earth recycles water?
7. Name 3 kinds of precipitation (water falling from the sky).
8. Name 1 of the 3 common types of cloud.
9. What does it mean when the name of a cloud has the word nimbus?
10. Do we use the Fahrenheit or Celsius temperature gauge in the United States?

Answer Key

1. 365 $\frac{1}{4}$ days or 1 year
2. different seasons
3. summer
4. rises
5. the warm air rises, colder air swoops in, this makes wind
6. the water cycle
7. rain, sleet, snow, hail, etc.
8. cirrus, cumulus, stratus
9. a cloud that makes rain
10. Fahrenheit