Climate and Weather Hazards

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

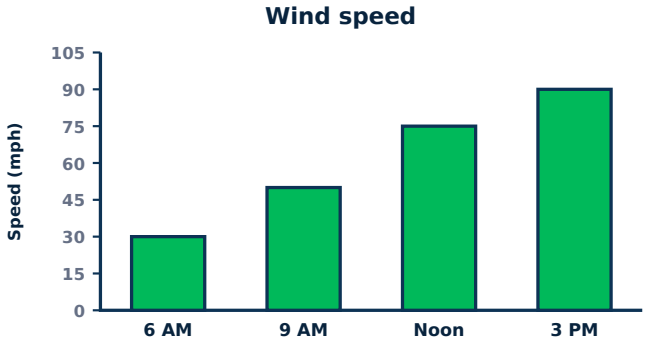
1. In a drought, which design helps a farm keep growing crops?
   pipes that drip water right onto the roots
   a sea wall along the field
   a lightning rod in the field
   a snow fence around the field

2. Why do people in snowy places build houses with steep roofs?
   so heavy snow slides off instead of piling up
   so the house stays cooler in summer
   so lightning cannot hit it
   so rain stays on the roof longer

3. A forecast shows 100°F for five days. Which plan best protects people?
   open cooling centers and check on older neighbors
   clear snow from roof drains
   spread salt on the roads
   put sandbags along the river

4. Which hazard does a storm drain help with?
   strong winds water flooding the streets lightning heat waves

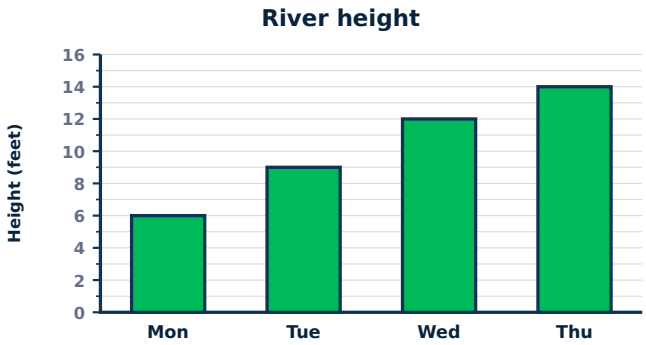
5. Winds over 74 mph are hurricane strength. Use the graph. When did the wind first reach that strength?



   3 PM noon 6 AM 9 AM

6. Houses on stilts and a levee both protect against floods. How are they different?
   stilts protect against wind, not water
   the levee keeps water out; stilts lift houses above it
   both stop rain from falling
   the levee lifts houses; stilts keep water out

7. A river floods its banks at 12 feet. Use the graph. On which day did the river first reach flood level?



Monday Tuesday Wednesday Thursday

8. A town builds a concrete wall along its beach. Which hazard is it designed for?
drought drying up wells
heat waves in summer
storm waves flooding the coast
lightning striking buildings

9. Which design best reduces damage from lightning?
a row of trees by the road
a wooden fence around the house
a metal rod connected to the ground
a rain barrel by the door

10. House A has storm shutters and a roof strapped down. House B has large windows and no straps. Which is the better design for a hurricane area?
House B, because it lets in more light
House B, because it costs less
House A, because it is painted brightly
House A, because it resists strong wind

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Answer Key - Grade 3 Science Worksheet

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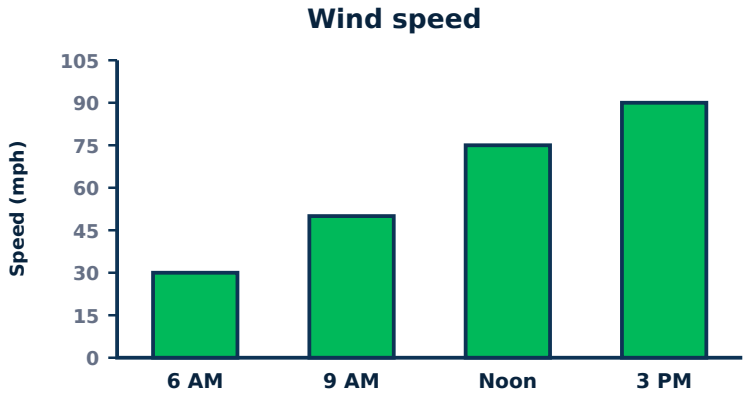
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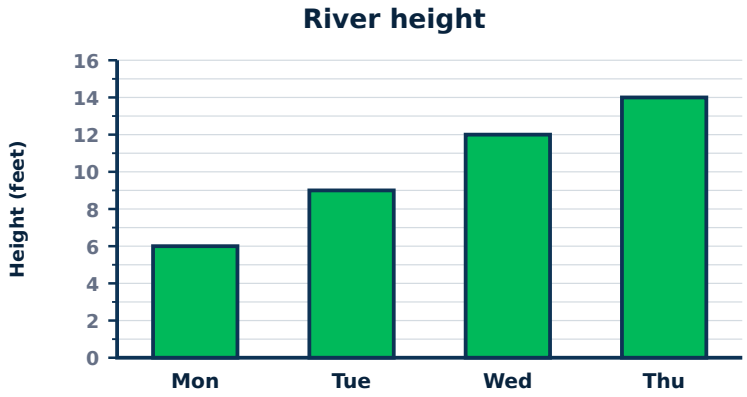
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