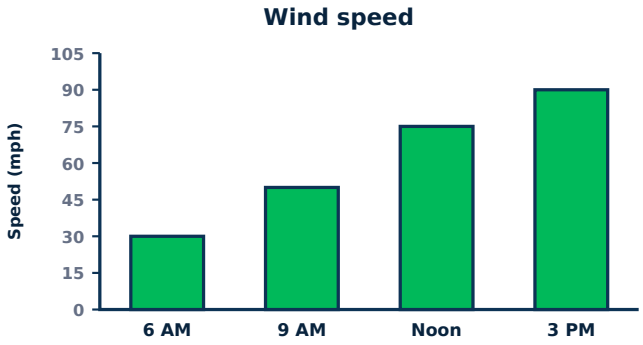
Climate and Weather Hazards

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

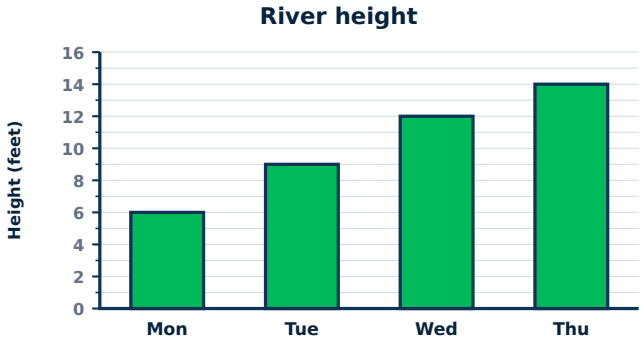
1. Winds over 74 mph are hurricane strength. Use the graph. When did the wind first reach that strength?



3 PM 6 AM noon 9 AM

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

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



Tuesday Wednesday Monday Thursday

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

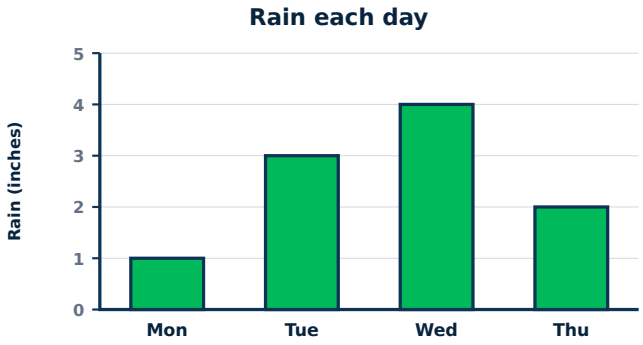
5. Which design best reduces damage from lightning?
   - a wooden fence around the house
   - a rain barrel by the door
   - a metal rod connected to the ground
   - a row of trees by the road

6. 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 A, because it resists strong wind
   House B, because it costs less
   House B, because it lets in more light
   House A, because it is painted brightly

7. Snow fences are put up beside highways. How do they help?
   they stop rain from freezing
   they keep the road cool in summer
   they keep blowing snow from piling on the road
   they melt snow as it falls

8. Which data would best help a town decide if it needs a levee?
   how many cars use the bridge
   the hottest temperature last summer
   how high the river rose in past floods
   how much snow fell last week

9. The graph shows the rain for four days. How much rain fell in all? Heavy rain like this can cause floods.



   4 inches 10 inches 9 inches 8 inches

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

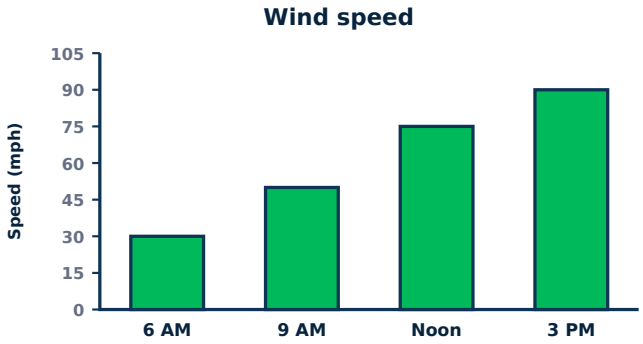
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Climate and Weather Hazards

Answer Key - Grade 3 Science Worksheet

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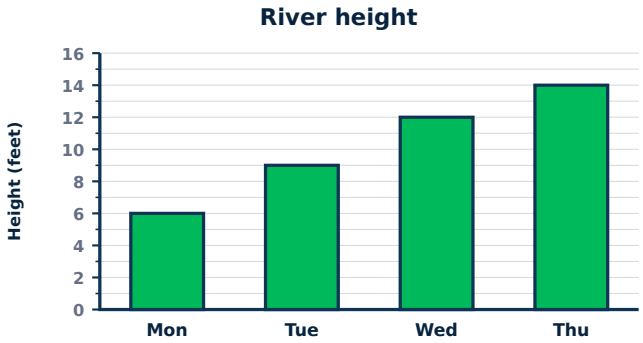


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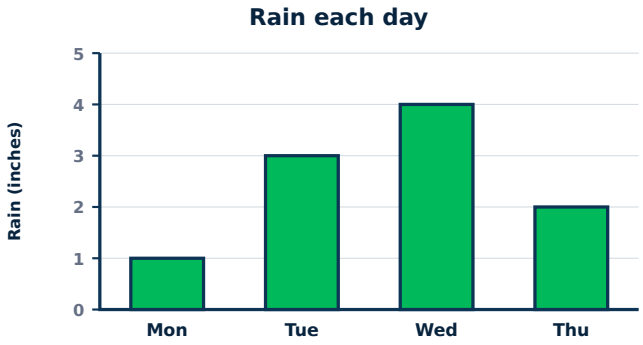
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