



Name _____ Date _____

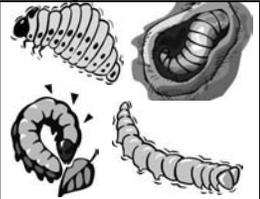
3rd Grade Science Daily Review #20

**Force, Motion,
Energy, Matter**

**Scientific Investigation,
Reasoning, Logic, Resources**

**Life Processes,
Living Systems**

**Earth & Space Systems,
Patterns, Cycles, Changes**

<p>M O N D A Y</p> <p>1. Which of the following is true if you cut a sheet of plastic in half?</p> <p>a. The two pieces will have different properties. b. One half will be larger than the other. c. Both halves will have the same properties. d. The plastic will melt.</p> <p>3.3b</p>	<p>2. <i>Do nutrients in soil affect plant growth?</i> Ralph set up an experiment to find out. Complete his hypothesis.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>HYPOTHESIS: If a seed is planted in nutrient-rich soil, then—</p> </div> <p>a. a small plant will grow. b. a healthy plant will grow. c. the seed will not sprout. d. two plants will grow.</p> <p>3.1g</p>	<p>3. Oh, yummy! The snake finally caught the mouse. The mouse was the—</p> <p>a. producer. b. predator. c. enemy. d. prey.</p>  <p>3.5c</p>	<p>4.¹In which phase would the moon not be visible?</p> <p>a. new c. full b. crescent d. half</p> <p>²If it is summer here in Virginia, which hemisphere is tilted towards the sun?</p> <p>a. northern b. southern</p> <p style="text-align: right;">3.8a</p>												
<p>T U E S D A Y</p> <p>1. Which simple machines make up this compound machine?</p>  <p>_____</p> <p>_____</p> <p>3.2c</p>	<p>2. This forest fire is burning down miles of forest. Write one effect on the animals of this forest.</p>  <p>_____</p> <p>_____</p> <p>3.10c</p>	<p>3. Which adaptation allows the bear to tear and eat its prey?</p> <p>a. clean teeth (dentists love them) b. decayed teeth (yucky) c. canine teeth (sharp) d. back teeth (cheek or molar)</p> <p>3.4b</p>	<p>4. What must plants get from the soil in order to grow?</p> <p>a. roots b. nutrients c. humus d. decomposers</p> <p>3.7a</p>												
<p>W E D N E S D A Y</p> <p>1. Dad just put this awesome slide on our dock. Now we can really fly right into the lake. This slide is an example of—</p>  <p>a. a screw. b. a wedge. c. a compound machine. d. an inclined plane.</p> <p>3.2d</p>	<p>2. Read the chart. Which conclusion is correct?</p> <p>Fish Populations in Deep River</p> <table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>2008</th> <th>2009</th> <th>2010</th> </tr> </thead> <tbody> <tr> <td>trout</td> <td>3,412</td> <td>3,299</td> <td>3,005</td> </tr> <tr> <td>bass</td> <td>5,115</td> <td>4,894</td> <td>4,570</td> </tr> </tbody> </table> <p>a. Trout are healthy, but bass are dying off. b. Both types of fish are decreasing in number.</p> <p>3.1j</p>		2008	2009	2010	trout	3,412	3,299	3,005	bass	5,115	4,894	4,570	<p>3. Plants produce _____ and _____.</p> <p>a. water, oxygen b. oxygen, carbon dioxide c. food, oxygen d. food, carbon dioxide</p> <p>3.5a</p>	<p>4. What two things are needed to form bedrock and subsoil?</p> <p>a. sand and one year of time b. the weathering action of water and a very long time c. humus and clay and about a month of time d. rock, sand, water, and one lunar cycle of time</p> <p>3.7</p>
	2008	2009	2010												
trout	3,412	3,299	3,005												
bass	5,115	4,894	4,570												
<p>T H U R S D A Y</p> <p>1. When I bake cookies, I mix up a batch of dough. Then I drop small pieces of the dough onto the cookie sheet to bake. My cookies are all the same except for their—</p> <p>a. smell. b. taste. c. shape. d. texture.</p> <p>3.3c</p>	<p>2. </p> <p>Which of the following belongs with these larvae?</p> <p>a. butterfly c. caterpillar b. snail d. fly</p> <p>3.1c</p>	<p>3. Before the cold winter arrives, the monarch butterfly _____.</p> <p>a. hibernates b. rotates c. estivates d. migrates</p> <p>3.4a</p>	<p>4. Match. a. topsoil c. sand b. clay d. bedrock</p> <p>_____ 1. tiny grains of rock; no plant nutrients _____ 2. nutrient-rich; holds water well _____ 3. solid layer far below the ground _____ 4. holds water well, but few nutrients</p> <p>3.7b,c</p>												



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3rd Grade Science Quiz #20

1. ¹According to this calendar, what date will each moon phase be visible?

- _____ a. new moon
- _____ b. first quarter moon
- _____ c. third quarter moon
- _____ d. full moon

²The next moon phase will come in August. What phase will it be?

JULY						
SUN	MON	TUE	WED	THURS	FRI	SAT
				1	2	3
4	5	6	7	8 	9	10
11	12	13	14	15 	16	17
18	19	20	21	22	23 	24
25	26	27	28	29	30 	31

3.8a

2. Plants produce _____ and _____.

3.5a

3. Use the letters *a*, *b*, *c*, and *d* to complete the soil chart.

- a. bedrock
- b. topsoil
- c. sand
- d. clay

Type of Soil	Description
	holds water well and provides some nutrients
	grainy soil; does not hold water or nutrients well
	solid rock far below the surface of the earth
	rich in nutrients, holds water well, contains humus

3.7b,c

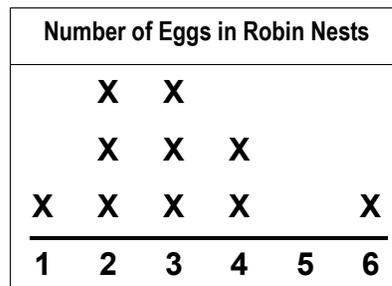
4. Rachel wants to know which type of soil is best for growing tomato plants. Based on the information in the chart above, which hypothesis should she make?

- a. If a tomato plant is planted in sand, then it will produce lots of tomatoes.
- b. If a tomato plant is planted in topsoil, then it will not produce any fruit.
- c. If a tomato plant is planted in bedrock, then it will grow taller than any other plant.
- d. If a tomato plant is planted in topsoil, then it will be healthy and produce tomatoes.

3.1g

5. Based on the information in this line plot, which conclusion can be drawn?

- a. Most robins laid two or three eggs.
- b. Robins lay more eggs than other birds.
- c. Robins do not lay many eggs.
- d. Most robins laid more than three eggs.



x = one nest

3.1j