

4th Grade Snow Day Packet

Day 1

Reading—Complete Vocabulary 1-4 puzzle.

Math—Complete the "addition" computation sheet.

Language Arts—Pick one writing prompt from the calendar and complete it.

Social Studies—Pick one activity from the Tic-Tac-Toe board and complete it.

Science—Read *Magnetism* and answer the questions that go with it.

Day 2

Reading—Complete the Story Board for a book you have recently read. Directions are included.

Math—Complete the "subtraction" computation sheet.

Language Arts—Pick one writing prompt from the calendar and complete it.

Social Studies—Pick one activity from the Tic-Tac-Toe board and complete it.

Science—Read *Electricity and Energy Circuits* and answer the questions that go with it.

Day 3

Reading—Complete Vocabulary 5-8 puzzle.

Math—Complete the "multiplication" computation sheet.

Language Arts—Pick one writing prompt from the calendar and complete it.

Social Studies—Pick one activity from the Tic-Tac-Toe board and complete it.

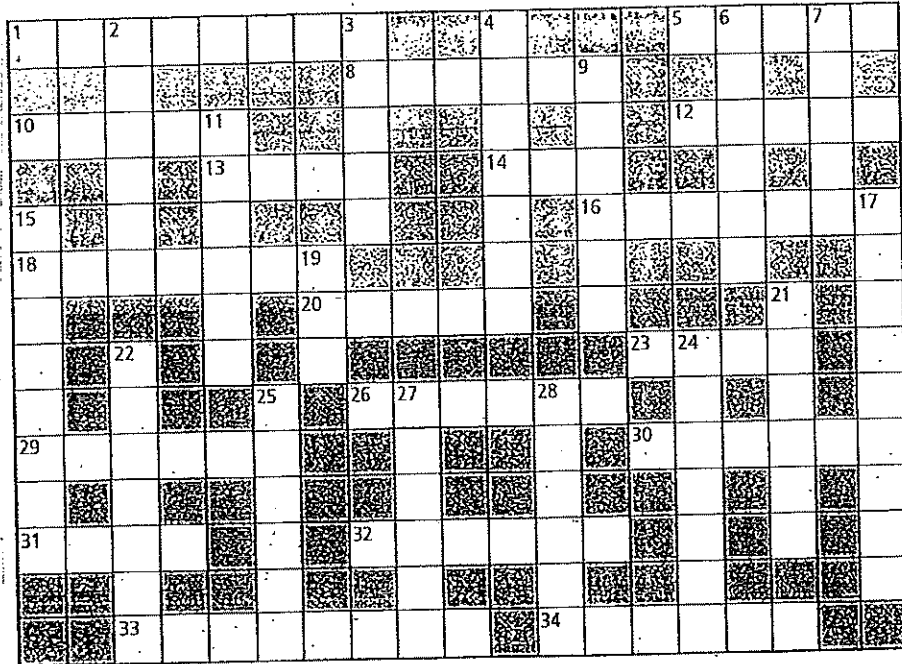
Science—Read *What Happens When It Rains* and answer the questions that go with it.

benefit
complete
develop
dismay
ease
hail
lack
master
patriot
project
recommend
remark
represent
sufficient
utter
affect
calculate
climate
column
decay
exceed
forbid
grove
limb
mammoth
mature
permit
resist
scorch
tower

approach
burrow
cease
destructive
drowsy
famished
forecast
hibernate
migrate
nestle
observe
prepare
reduce
severe
venture

Crossword Puzzle Solve the crossword puzzle by studying the clues and filling in the answer boxes. Clues followed by a number are definitions of vocabulary words in lessons 1 through 4. The number gives the lesson from which the answer to the clue is taken.

active
astound
attend
cherish
contract
eager
expose
grace
impose
modest
parallel
paralyze
pessimist
recite
respond



Clues Across

1. Having no missing parts (1)
5. To rot (2)
8. To be present at (4)
10. To speak (1)
12. The Atlantic _____
13. To make less painful (1)
14. One, _____, three
16. To make larger or better (1)
18. To make ready (3)
20. A group of trees growing together (2)
23. A stomach _____
26. To burn slightly (2)
29. Lively; quick; busy (4)
30. To cause fear, worry, or surprise (1)
31. To greet or welcome (1)
32. A hole or tunnel dug by an animal (3)
33. Very high (2)
34. Very strict or harsh (3)

Clues Down

2. Fully grown (2)
3. Wanting very much to do or get (4)
4. To dare to do, to go, or to say (3)
6. To go beyond something (2)
7. The _____ is a fort in San Antonio.
9. To draw in an aimless kind of way
11. Something said or expressed (1)
15. To come closer (3)
17. Loss of ability to do or feel (4)
19. Something laid by a bird
21. A paper allowing one to do something (2)
22. One who loves and supports his country (1)
24. An area's average weather conditions (2)
25. To lie in a sheltered, partly hidden place (3)
27. A row of figures running down a page (2)
28. Red and blue, for example

Name

Math
Day 1

Fluency Practice

Mathematical
PRACTICE 6



Add.

1.
$$\begin{array}{r} 53,035 \\ + 39,952 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 94,225 \\ + 63,236 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 82,427 \\ + 37,174 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 32,472 \\ + 18,009 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 72,259 \\ + 62,905 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 52,372 \\ + 17,429 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 63,141 \\ + 14,603 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 20,407 \\ + 38,692 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 367,028 \\ + 52,842 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 482,952 \\ + 20,485 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 137,953 \\ + 84,037 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 813,448 \\ + 92,734 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 109,374 \\ + 824,849 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 372,555 \\ + 372,555 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 218,662 \\ + 741,852 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 359,751 \\ + 486,258 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 118,577 \\ + 254,009 \\ \hline \end{array}$$

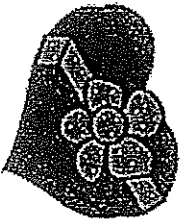
18.
$$\begin{array}{r} 888,888 \\ + 102,222 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 328,805 \\ + 646,464 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 335,533 \\ + 254,009 \\ \hline \end{array}$$

ELA Day 1



Monday	Tuesday	Wednesday	Thursday	Friday
 <p>You are now famous! Write about what you are famous for and what you like about being a celebrity.</p>		<p>A family is traveling to an important event when something happens. Write a story that tells how the family solves their dilemma.</p>	<p>Today is Groundhog's Day. Make a prediction as to what the groundhog will see and explain your prediction.</p>	<p>Think about the different ways to show love to family. Write about the ways you show your love.</p>
<p>Write an essay about the importance of friendship.</p>	<p>Today is Valentine's Day. Write about an important person in your life.</p>	<p>Write an essay about whether students should be allowed to carry cell phones in school.</p>	<p>Write a letter to your parents explaining why they should raise your allowance.</p>	<p>Write a book review for your favorite book.</p>
<p>Write an essay about the importance of friendship.</p>	<p>Write a letter to your best friend telling them what you value about them.</p>	<p>Think of a Random Act of Kindness you could do for someone. What would you do?</p>	<p>There are many interesting places to visit. Think of a place you'd like to see and write why you want to visit.</p>	<p>George Washington was the first President. If you could interview him, what would you ask him?</p>
<p>Think about the times you are the happiest. Write about one of those times and why you were happy.</p>		<p>Write about the things your family likes to do together.</p>	<p>A boy wakes up to discover he has wings. Write a story his adventures as a flying boy.</p>	

Tic-Tac-Toe Social Studies

Day 1

Directions: You may choose to complete any three assignments that are in a row. The row may go up and down, across, or diagonally. Circle the activities that you choose and staple them to this paper to turn in. Choose one activity per snow day. Ex. 1 day=1 activity.

<p style="text-align: center;">MAPS</p> <p>Make a map of your neighborhood. Include a title, compass rose, and a key or legend. Label your house and those around you.</p>	<p style="text-align: center;">STATE PARKS</p> <p>Find an address of a state park. Write a letter requesting information about the type of wildlife in the park, activities for families, and overnight accommodations.</p>	<p style="text-align: center;">CULTURES</p> <p>Research a culture found in Ohio. Write a paragraph about some traditions that culture has.</p>
<p style="text-align: center;">LANDFORMS</p> <p>Create a diorama of either the Lake Plains, Till Plains, or Appalachian Plateau. Bring it in to share with the class.</p>	<p style="text-align: center;">AGRICULTURE</p> <p>Make a poster that shows farming in Ohio. Include pictures and descriptions of the main crops in our state.</p>	<p style="text-align: center;">MOUND BUILDERS</p> <p>Create a model of a mound using clay, playdough, etc. Include a description of the mound you created.</p>
<p style="text-align: center;">WATERWAYS</p> <p>Research the Ohio River or Lake Erie. Write a paragraph about how it is important to Ohio today.</p>	<p style="text-align: center;">NATIVE AMERICANS</p> <p>Identify three objects in your home that Native Americans would have found useful. Tell how the items would have made life easier for them.</p>	<p style="text-align: center;">TIMELINE</p> <p>Make a timeline of your life. Start with your birth and continue to the present. Include important events. You may even include pictures if you wish.</p>

Science
Day 1

Magnetism

Has anyone ever told you that you have a magnetic personality? Well, if someone ever says that to you, thank him or her. It is a **compliment**.¹ Having a magnetic personality means that people are drawn to you, just like how some metal objects may be drawn to magnets.

Magnetism is the force that electric **currents**² **exert**³ on other electric currents. This force can be created by the motion of **electrons**⁴ in the atoms of certain materials, which are called magnets. The force may also be produced when an electric current flows through a coil of wire around a piece of metal, magnetizing the metal. The coil of wire and the metal together are called an *electromagnet*. In either case, the force can cause an attraction or a **repulsion**⁵ of two magnets. It may pull them together or push them apart.

Some objects are natural magnets. Many of the planets in our solar system are magnetic. For example, the planet Earth is a gigantic magnet. Some scientists think that the earth's electric currents push away solar wind from the sun. Certain rocks and minerals are natural magnets, too.

For living things, some animals might naturally be able to detect Earth's electric currents. For example, some scientists believe that dolphins and pigeons can sense the magnetism in the earth. They use the magnetism to find their way when traveling, especially for long distances.

¹ **compliment** – something good said about someone

² **currents** – flows of electricity through a wire

³ **exert** – to thrust forth

⁴ **electrons** – a tiny particle that carries a negative charge and moves around the nucleus of an atom

⁵ **repulsion** – the act of driving or forcing something back

Name: _____ Date: _____

1. What is magnetism?

- a. the force that attracts an object toward any physical body that has mass
- b. the force that electric currents exert on the neutrons of atoms
- c. the force that electric currents exert on other electric currents
- d. the force that electric currents exert on planets, their moons, and the sun

2. What does the passage list?

- a. different technologies that use magnets
- b. different ways magnetism can be measured
- c. different physical forces
- d. different types of magnets

3. A magnetic force is created when electric currents exert force on other electric currents. This can cause an attraction or repulsion of two magnets. The planet Earth is a gigantic magnet. Some scientists think that the earth's electric currents push away solar wind from the sun.

Based on this information, what can be concluded about the solar wind?

- a. The solar wind is cooler than the Earth.
- b. The solar wind does not have electric currents.
- c. The solar wind does not have a magnetic force.
- d. The solar wind has a magnetic force.

4. Based on the passage, how might some animals be able to benefit from their ability to detect Earth's electric currents?

- a. They can locate their prey.
- b. They can locate their predators.
- c. They can sense when powerful storms are headed their way
- d. They can find their way around.

5. What is this passage mainly about?

- a. ways magnetism is created and natural magnetic objects
- b. how the Earth's electric currents impact living things
- c. how a coil of wire can be used to magnetize metal
- d. how magnetism in the solar system affects the planets and the sun

Science
Day 1

6. What are two ways that magnetism is created?

7. What is the author's purpose in writing this passage?

8. Choose the answer that best completes the sentence below.

Some objects are natural magnets. _____, certain rocks and minerals are natural magnets.

- a. Consequently
- b. For example
- c. However
- d. Above all

9. Answer the following question based on the sentence below.

Some scientists believe that dolphins and pigeons can sense the magnetism in the earth.

In the sentence, the phrase some scientists best answers which question?

- a. Who?
- b. What?
- c. Where?
- d. Why?

10. **Vocabulary Word:** produce: to create or cause something to happen.

Use the vocabulary word in a sentence: _____
