

**Third Grade
Materials
Week of May 25th**



3rd Grade Reader Response Menu



Read for at least 20 minutes and choose a response to complete.

<p>Favorite Quote Choose a quote from what you read and use that quote to start a poem or song.</p>	<p>Favorite Part Write a letter to the author telling them your favorite part of what you read.</p> <p style="text-align: center;">Dear _____, My favorite part was....because...</p>	<p>Character Think about the main character. What are six words to describe your character? The main character is...because...</p>
<p>Adjectives Make a list of the describing words in your reading today.</p>	<p>Write a Letter Pick a character in a story to write a letter to. Give the character advice or ask him or her questions.</p> <p style="text-align: center;">Dear...</p>	<p>Summary Make a comic strip representing what you read today.</p>
<p>YouTube Imagine you are making a YouTube video. Prepare a fabulous three minute talk to tell other kids what you read.</p>	<p>Different Ending Write a different ending to the story or write what might happen next.</p>	<p>Cause and Effect Pick a part of the story that shows cause and effect. Describe what event caused another event.</p>
<p>Text to text Connection Does this story remind you of another book you have read? Why: This reminds me of...</p>	<p>Character Connection Imagine you could talk to one of the characters. What kinds of things would you say? What would you ask them?</p>	<p>Conversation Starters Use the following conversation starters to share what you just read with a family member or friend.</p> <p>As I was reading...I was wondering about... This reading helped me better understand... As I was reading, I felt... I was surprised that... One lesson I learned is...</p>
<p>Questioning What questions did you have before you read? What questions did you have while reading? What questions did you have after you read the text?</p>	<p>Emoji Recap Retell the story (beginning, middle, and end) using emojis. Ask a family member if they can guess what happened by decoding your story.</p>	<p>Sequence of Events What are the four main events of the story? How does the story begin and end? Make sure to use transition words: First, Next, Then, Last.</p>

3rd Grade Writing Menu

<p>Write a letter to someone special.</p>	<p>Create a book review about a book you are reading.</p>	<p>You live alone with your cat and have for quite some time. One day your cat can't take it anymore and starts talking. What does it say?</p>	<p>Write a short description to complete the following sentences:</p> <p>I'll never forget the taste of... I've never laughed as hard as the time... If I could be any animal in the world it would be...</p>
<p>Would rather play inside or outside? Create a list of the pros and cons of each. Then write a persuasive essay on why one is better than the other.</p>	<p>Write a journal entry about your day and what you did.</p>	<p>Write a thank you note to somebody.</p>	<p>Write your own version of a fairy tale.</p>
<p>Compare two books you have read. How are they alike? How are they different?</p>	<p>Keep a journal. Today is _____ (add the date). This is what I did: Today I feel _____ (add a word to describe how you feel, like happy, excited, bored, frustrated, or any other feeling). I feel this way because . . .</p>	<p>Write a poem. It does not have to rhyme.</p>	<p>Write a story of your choice.</p>
<p>If you could have any superpower, what would it be and why? Write a paragraph explaining your answer. Then draw a picture of what you'd look like as a superhero!</p>	<p>Interview someone at home and write a biography about them.</p>	<p>Write about your favorite field trip.</p>	<p>Choose your favorite line below, and use it as the start of a fabulous story you'll write:</p> <p>I knew I was in for an incredible time the day my robot started talking.</p> <p>My mom finally agreed to let me get a pet, but how on Earth could I decide which one?</p> <p>You've really never met anyone like Sam.</p>
<p>Write about your favorite holiday.</p>	<p>Write a toy review.</p>	<p>Write a recipe to make your favorite food.</p>	<p>Write a story in the dark with a flashlight.</p>

Weekly Fix-It – Paragraph 4

Name _____

Date _____

Directions: Read the story carefully. Look for errors in capitalization, punctuation, grammar and spelling. Draw a line through each mistake in the paragraph. Then write the correction below it.

during our break, matthew and i whent to
chicago and watched hamilton the play is
based on the life of alexander hamilton it was
awesome we also watched little women and
matilda we enjoyed those too

Adjectives

Name: _____ Date: _____

PRACTICE

An **adjective** is a word that describes or modifies a noun. Adjectives can tell how something looks, feels, tastes, smells, or sounds. They can also tell what kind, how many, and how something or someone is feeling.

- I found a **round** stone.
- He made **French** pastries.
- **50** students are on the bus.
- I played with the **lonely** boy.

Directions: Underline the adjective. Then draw an arrow from it to the noun it describes or modifies.

Example: *Shantel is going on an African safari.*

1. The sharp blade cut through the rope.
2. The exhausted runner finished the race.
3. He watched the frustrated toddler try to open the door.
4. The United States imported English tea.
5. I love the smell of the salty air down at the beach.
6. My tattered backpack needs to be replaced.
7. The player swung his wooden bat.
8. Watch out for venomous snakes while you are hiking.
9. We found nine shells on the beach.
10. Aaron goes to Hebrew school once a week.

Adjectives

Name: _____ Date: _____

ASSESSMENT

1. What is an adjective ?

- (A) a pronoun (B) an action word
 (C) a describing word (D) a person, place, or thing

2. Which word is an adjective?

- (A) country (B) large
 (C) them (D) scream

3. Underline the adjective. Then draw an arrow from it to the noun it describes or modifies.

The sour lemonade made my face pucker.

4. Underline the adjective. Then draw an arrow from it to the noun it describes or modifies.

She slammed the iron gate closed.

5. Underline the adjective. Then draw an arrow from it to the noun it describes or modifies.

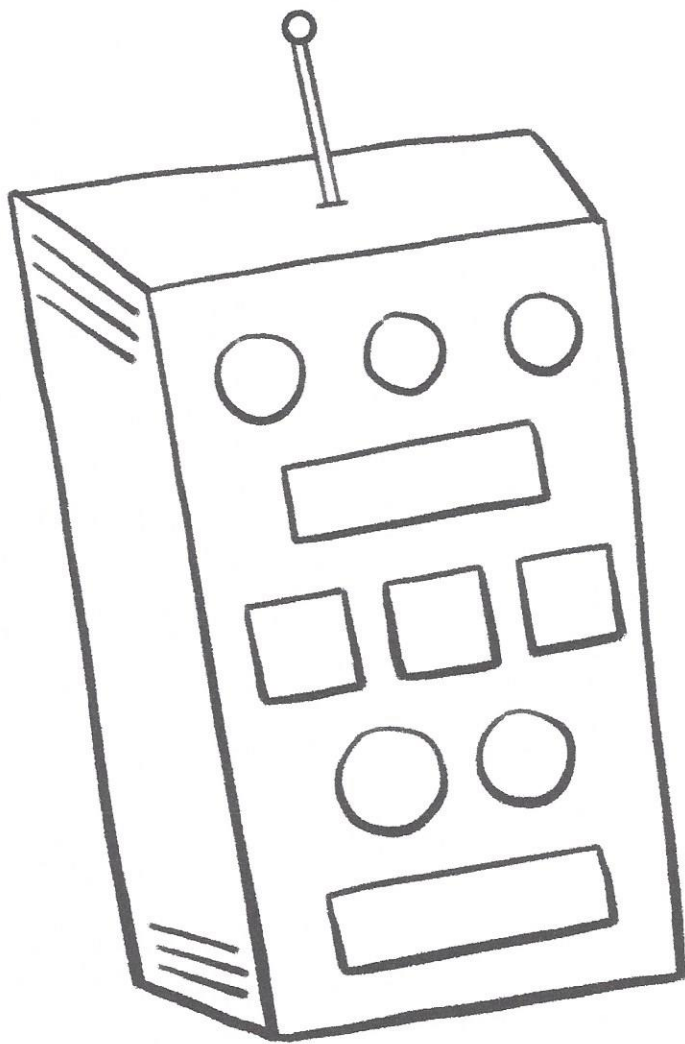
We baked 60 cupcakes for the party.

6. Write a sentence with an adjective that describes...
how many:

7. Write a sentence with an adjective that describes...
what something feels like:

8. Write a sentence with an adjective that describes...
what kind:

NAME THIS GADGET,
THEN DECIDE WHAT
ALL ITS BUTTONS DO.





3rd Grade Word Work Menu



Complete a different word work activity each day for the spelling words for this week

<p>FLASH CARDS Make a set of flashcards and have a buddy quiz you on the spelling of each word.</p>	<p>MEMORY MATCH Write each spelling word on two small pieces of paper. Shuffle the words and play a game of Memory.</p>	<p>RHYME TIME Write each word and a word the rhymes with each word in a two-column list.</p>	<p>SYNONYMS Write each word and a synonym for each word in a two-column list.</p>
<p>RAINBOW WORDS Write your words with colored pencils or markers. Make sure each word or letter is written in a different color.</p>	<p>VIBRANT VOWELS Write each word using one color for the vowels (a, e, i, o, u) and another color for the consonants.</p>	<p>ABC ORDER Write all your words in alphabetical (ABC) order. Then write them in alphabetical order using the last letter in each word.</p>	<p>FRIENDLY LETTER Use all the words on your list to write a letter to a friend.</p>
<p>REPETITION Write each word 5 times. Say the word aloud as you write.</p>	<p>CARTOON CREATOR Create a cartoon strip using at least 10 words. Can you use descriptive language in your cartoon?</p>	<p>TYPE 'EM UP Type each of your words four times. Use a different font each time you type the word.</p>	<p>SENTENCES Write one sentence for each of the 5 words you find most challenging or most interesting.</p>
<p>CLASSIFICATION Classify your words into groups according to their parts of speech.</p>	<p>CONSONANTS Write each word once. Then highlight the consonants in each word.</p>	<p>SILLY STORY Write a silly story that includes all the words on your list. Can you include punctuated dialogue in your story?</p>	<p>SYLLABICATION Write each word once. Then circle each of the syllables.</p>

Grade 3
Spelling
Words



Write It Two Times!

Write each of the spelling words two times.

1. together

2. tied

3. group

4. often

5. table

6. space

7. fence

8. price

9. office

10. police

11. pencil

12. civil

13. tribal

14. buffalo

15. dance

16. plains

**Grade 3
Spelling
Words****Write the Missing Letters!**

Write the missing letter or letters in the blank to make the correct word.

1. of _____ en

9. of _____ ice

2. trib _____ l

10. gro _____ p

3. dan _____ e

11. spac _____

4. f _____ nce

12. tog _____ ther

5. buf _____ alo

13. t _____ ed

6. pla _____ ns

14. tab _____

7. penc _____ l

15. poli _____ e

8. pri _____ e

16. civ _____ l

**Grade 3
Spelling
Words****Circle the Correct Spelling**

Circle the correct spelling of each word.

- | | | | |
|-----|----------|----------|----------|
| 1. | fence | finse | fense |
| 2. | dance | danse | danc |
| 3. | tabul | tabel | table |
| 4. | pensil | pencil | pencal |
| 5. | bufallo | buffilo | buffalo |
| 6. | tribal | trible | tribbal |
| 7. | sivil | civil | cival |
| 8. | tied | tyed | tiyed |
| 9. | spase | space | spac |
| 10. | playnes | plains | plaines |
| 11. | police | polis | poolice |
| 12. | offen | often | ofen |
| 13. | together | together | together |
| 14. | price | prise | preice |
| 15. | groop | group | groupe |
| 16. | awfice | ofise | office |

STEPS



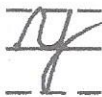
Repeat the first three directions for *v*.



Retrace the slanted stroke to the middle divider below the writing line.

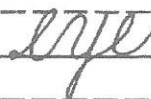
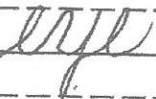
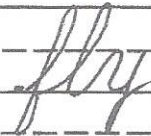
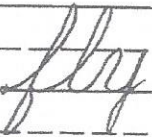
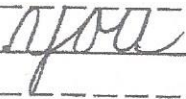


Loop under the main part of the letter and cross the downstroke **exactly** at the writing line.



Continue for release stroke.

TIP: Keep the "valley" flat along the writing line.



Close your eyes and try the new letter here.

STEPS

_____ *v* _____

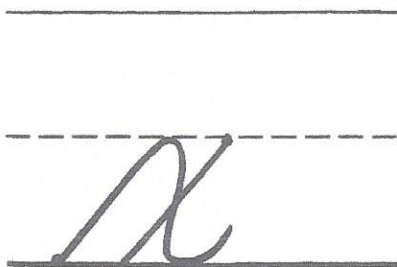
Repeat the first two directions for *v*.

_____ *v* _____

Follow along the writing line from 7 to 5 o'clock. **Stop.**

_____ *v* _____

Start a second stroke at the middle divider directly above the 5 o'clock stop. Make a left diagonal stroke, crossing the lead-in stroke halfway between the middle divider and the writing line.



v

v

v

v

v

v

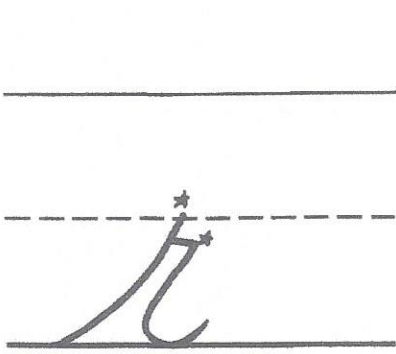
v-ray

v-ray

wax

wax

Close your eyes and try the new letter here.



TIP: When you make the second slanted stroke, look back at the first and let it guide you so the shape doesn't get wider.



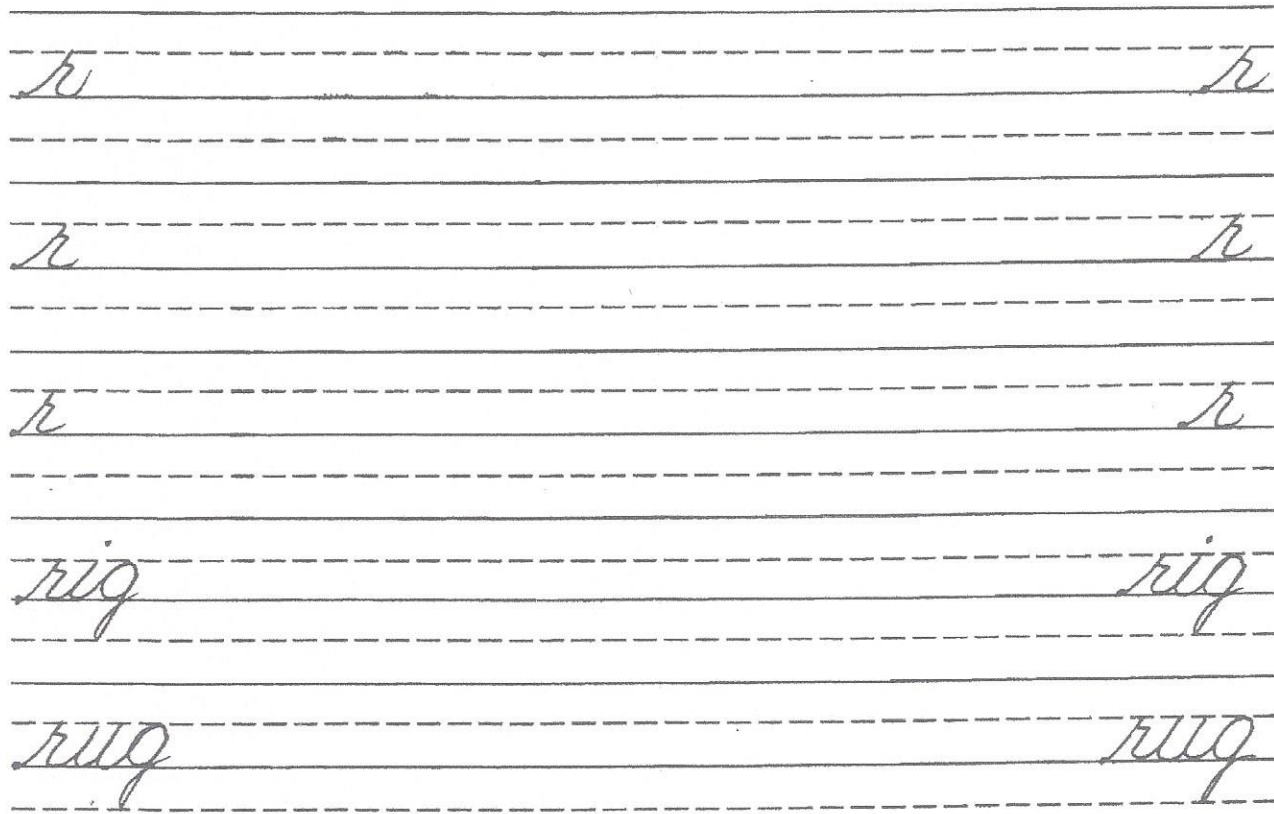
STEPS

Make a kite string from the writing line to the middle divider.

Stop at the star (*) on the middle divider.

Retrace slightly and make a tiny right horizontal shelf. Stop at the second star (*).

Make a square corner and continue the slanted stroke to the writing line for turn-and-release stroke.



Close your eyes and try the new letter here.



STEPS

Make a kite string from the writing line to the star (*) on the middle divider. **Stop** at the star (*).



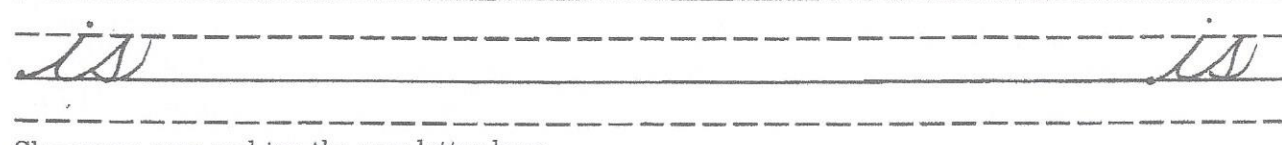
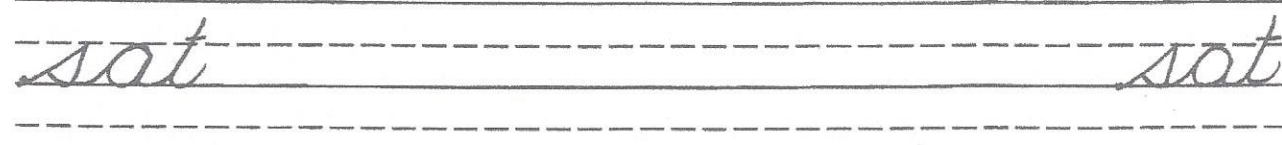
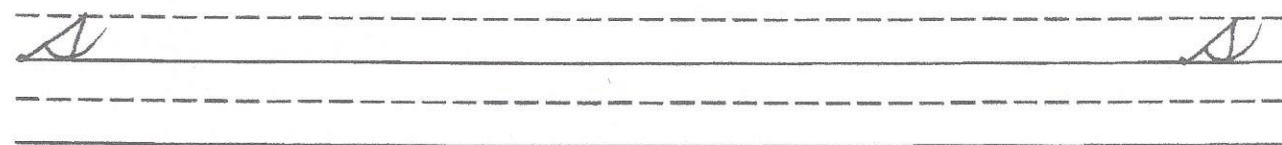
Aim straight down for the writing line, and round a "fat belly" at 5 o'clock.



Continue the "fat belly" around 7 o'clock to touch the shape together with the kite string stroke.



Retrace from 7 to 5 o'clock and continue for release stroke.



Close your eyes and try the new letter here.



3rd Grade Math Menu



<p>Create a book to model the multiplication facts 0-10. How many different strategies can you show? (picture, number line, repeated addition, array)</p>	<p>Create a bar graph or picture graph to represent the data below. What can you say about your graph?</p> <p>FAVORITE COLORS Blue-9 Red-7 Green-4 Purple-0</p>	<p>Create your own board game. Design and create a game board if needed. Write the rules for how your game should be played. Test out your game with a family member.</p>	<p>Brainstorm a list of all the ways you use math in real life. Think about the topics we have learned about this year. How do we use them in the real world? (Place value, addition, subtraction, multiplication, division, time, graphing, lines/angles)</p>	<p>If you were the math teacher for one day what would you teach? Write a paragraph telling what you would teach, how you would teach it, and why you would teach it.</p>
<p>Using cards or dice*, create addition or multiplication problems and find the sum or product. (34,208 + 5,397) (352 x 7)</p>	<p>Using cards or dice, create the largest 4 digit number and smallest 3 digit number. Find the difference (-). Check with addition.</p>	<p>Using cards or dice, create 2 digit by 1 digit multiplication problems and solve using area models or standard algorithms.</p>	<p>Using cards or dice, create a division problem. Solve using the box method or standard algorithm.</p>	<p>Create word problems for each of operations (addition, subtraction, multiplication and division).</p>
<p>+Plan your perfect day. Make a timeline of what you would do throughout the day. Label each time with A.M. or P.M.</p>	<p>Go on a geometric scavenger hunt (shapes, parallel and perpendicular lines) and make a graph of your findings.</p>	<p>Create an obstacle course or exercise routine (run in place, sit ups, jumping jacks, push ups, planks). Chart your progress.</p>	<p>Write 2-3 word problems with addition, subtraction, multiplication, or division. Give your word problems to a family member to solve. Correct their work.</p>	<p>Create a monster out of shapes. Draw on paper or cut shapes out of paper. Make a list of the steps to create the monster. See if a partner can recreate your monster.</p>
<p>Pick a target number and see how many different equations you can make that result in the target number. Ex. Target is 4. 2x2, 10-6, 205, 1+3 or 20-4+3-15</p>	<p>Create a poster to explain how to solve ONE of the following:</p> <ul style="list-style-type: none"> • 3,464 + 5,083 • 4,002 - 1,984 • 476 x 3 • 84 ÷ 4 	<p>Make a recipe with your family. What if you needed to double it? What if you needed to cut the recipe in half? Write down the new recipe.</p>	<p>Research the prices of 10 items from the grocery store. Add up all of the prices. What is your total? What would your change be if you paid with a \$50 or \$100 bill?</p>	<p>Create an array for a multiplication problem using items in your house (ex. Legos, shoes). Write a word problem to match your array.</p>

*No cards or dice - just write the digits 0-9 on a piece of paper and cut up to make your own cards.

Name: _____

Subtraction

Subtract to find the differences.

a.
$$\begin{array}{r} 507 \\ - 294 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 483 \\ - 127 \\ \hline \end{array}$$



c.
$$\begin{array}{r} 920 \\ - 50 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 378 \\ - 259 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 517 \\ - 108 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 837 \\ - 47 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 611 \\ - 540 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 747 \\ - 394 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 680 \\ - 215 \\ \hline \end{array}$$

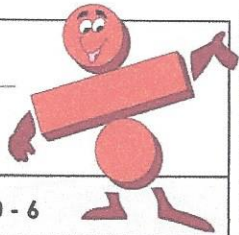
j.
$$\begin{array}{r} 906 \\ - 241 \\ \hline \end{array}$$

- k. Liz works at a pet store. She put 238 bags of cat food on the shelf. Customers bought 142 bags. How many bags were left?

- l. Brett also works at the pet store. He put 418 dog toys on the shelves. Soon, there were only 209 left. How many dog toys did customers buy?

Name: _____

Date: _____



Level: E

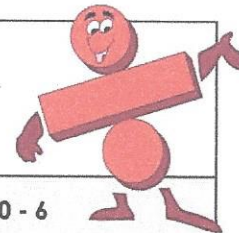
Skill: 0 - 6

- | | |
|-------------------------|-------------------------|
| 1. $54 \div 6 =$ _____ | 26. $33 \div 3 =$ _____ |
| 2. $40 \div 5 =$ _____ | 27. $28 \div 4 =$ _____ |
| 3. $9 \div 3 =$ _____ | 28. $48 \div 4 =$ _____ |
| 4. $0 \div 5 =$ _____ | 29. $42 \div 6 =$ _____ |
| 5. $48 \div 6 =$ _____ | 30. $27 \div 3 =$ _____ |
| 6. $45 \div 5 =$ _____ | 31. $5 \div 1 =$ _____ |
| 7. $12 \div 4 =$ _____ | 32. $0 \div 5 =$ _____ |
| 8. $10 \div 2 =$ _____ | 33. $22 \div 2 =$ _____ |
| 9. $14 \div 2 =$ _____ | 34. $30 \div 3 =$ _____ |
| 10. $21 \div 3 =$ _____ | 35. $0 \div 6 =$ _____ |
| 11. $24 \div 6 =$ _____ | 36. $8 \div 2 =$ _____ |
| 12. $15 \div 3 =$ _____ | 37. $32 \div 4 =$ _____ |
| 13. $0 \div 1 =$ _____ | 38. $12 \div 4 =$ _____ |
| 14. $18 \div 3 =$ _____ | 39. $16 \div 4 =$ _____ |
| 15. $30 \div 6 =$ _____ | 40. $12 \div 6 =$ _____ |
| 16. $18 \div 2 =$ _____ | 41. $40 \div 5 =$ _____ |
| 17. $24 \div 2 =$ _____ | 42. $20 \div 2 =$ _____ |
| 18. $18 \div 3 =$ _____ | 43. $55 \div 5 =$ _____ |
| 19. $10 \div 1 =$ _____ | 44. $6 \div 2 =$ _____ |
| 20. $24 \div 3 =$ _____ | 45. $36 \div 3 =$ _____ |
| 21. $6 \div 1 =$ _____ | 46. $12 \div 2 =$ _____ |
| 22. $2 \div 2 =$ _____ | 47. $8 \div 1 =$ _____ |
| 23. $16 \div 2 =$ _____ | 48. $0 \div 3 =$ _____ |
| 24. $40 \div 4 =$ _____ | 49. $18 \div 3 =$ _____ |
| 25. $36 \div 3 =$ _____ | 50. $4 \div 2 =$ _____ |

Time: _____ Score: _____

Name: _____

Date: _____



Level: E

Skill: 0 - 6

- | | |
|-------------------------|-------------------------|
| 1. $54 \div 6 =$ _____ | 26. $33 \div 3 =$ _____ |
| 2. $40 \div 5 =$ _____ | 27. $28 \div 4 =$ _____ |
| 3. $9 \div 3 =$ _____ | 28. $48 \div 4 =$ _____ |
| 4. $0 \div 5 =$ _____ | 29. $42 \div 6 =$ _____ |
| 5. $48 \div 6 =$ _____ | 30. $27 \div 3 =$ _____ |
| 6. $45 \div 5 =$ _____ | 31. $5 \div 1 =$ _____ |
| 7. $12 \div 4 =$ _____ | 32. $0 \div 5 =$ _____ |
| 8. $10 \div 2 =$ _____ | 33. $22 \div 2 =$ _____ |
| 9. $14 \div 2 =$ _____ | 34. $30 \div 3 =$ _____ |
| 10. $21 \div 3 =$ _____ | 35. $0 \div 6 =$ _____ |
| 11. $24 \div 6 =$ _____ | 36. $8 \div 2 =$ _____ |
| 12. $15 \div 3 =$ _____ | 37. $32 \div 4 =$ _____ |
| 13. $0 \div 1 =$ _____ | 38. $12 \div 4 =$ _____ |
| 14. $18 \div 3 =$ _____ | 39. $16 \div 4 =$ _____ |
| 15. $30 \div 6 =$ _____ | 40. $12 \div 6 =$ _____ |
| 16. $18 \div 2 =$ _____ | 41. $40 \div 5 =$ _____ |
| 17. $24 \div 2 =$ _____ | 42. $20 \div 2 =$ _____ |
| 18. $18 \div 3 =$ _____ | 43. $55 \div 5 =$ _____ |
| 19. $10 \div 1 =$ _____ | 44. $6 \div 2 =$ _____ |
| 20. $24 \div 3 =$ _____ | 45. $36 \div 3 =$ _____ |
| 21. $6 \div 1 =$ _____ | 46. $12 \div 2 =$ _____ |
| 22. $2 \div 2 =$ _____ | 47. $8 \div 1 =$ _____ |
| 23. $16 \div 2 =$ _____ | 48. $0 \div 3 =$ _____ |
| 24. $40 \div 4 =$ _____ | 49. $18 \div 3 =$ _____ |
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Time: _____ Score: _____

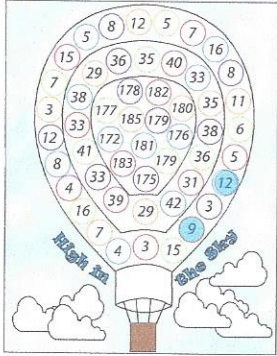
High in the Sky

For 2 players

Equipment

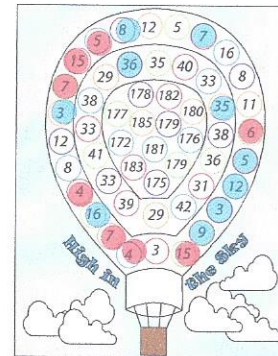
- 25 counters of the same color for each player
- 1 die numbered 1 - 6
- game board

Rules

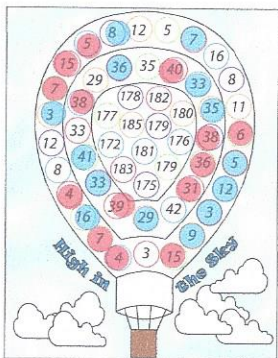


1. Take turns to throw the die. Starting from the outer most section of the balloon place counters on two numbers that have the difference of that roll. For example, for a roll of 3 a counter can be placed 12 and 9 ($12 - 9 = 3$). Players must cover four numbers in a row before they may move to the next section of the game board.

2. In the next section of the game board players must cover three numbers in a row before they can move to middle of the game board. If neither player can cover three numbers in a row they must continue playing until no more moves can be made before moving to the final section of the board.

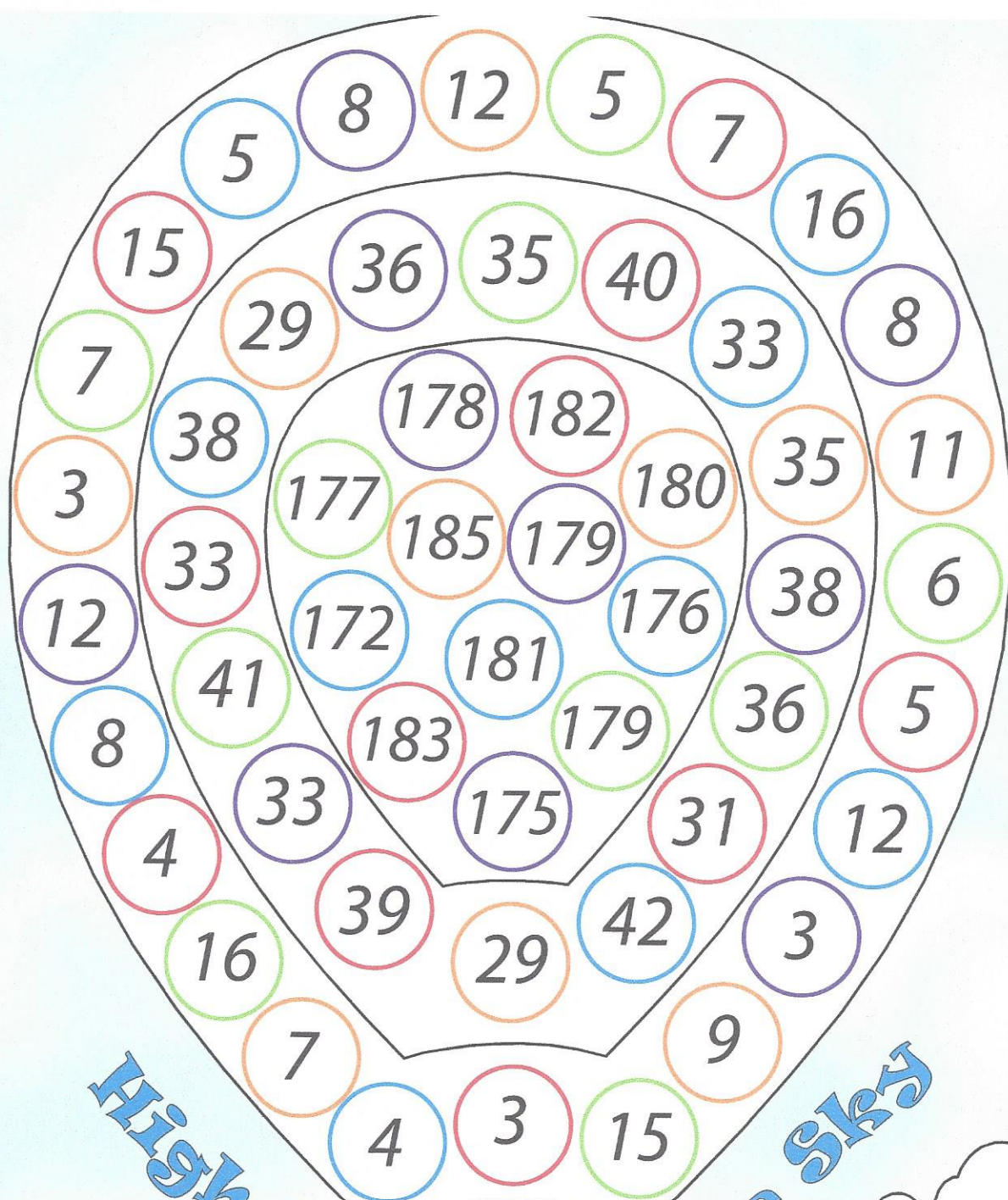


2. In the final section of the game board players continue to take it in turns to cover two numbers that have the difference of the die roll until no more moves can be made. The player with the most amount of counters on the inner most section of the game is the winner.



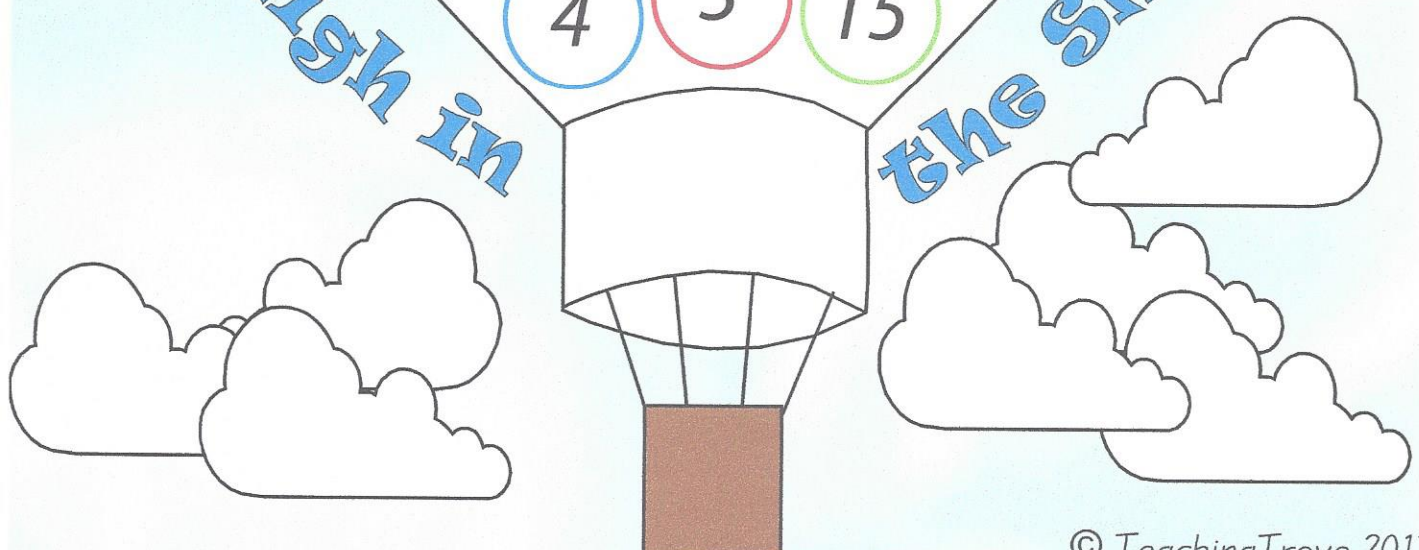
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High in

the sky



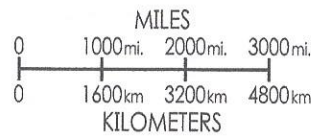
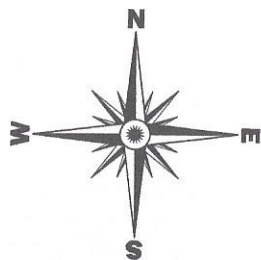
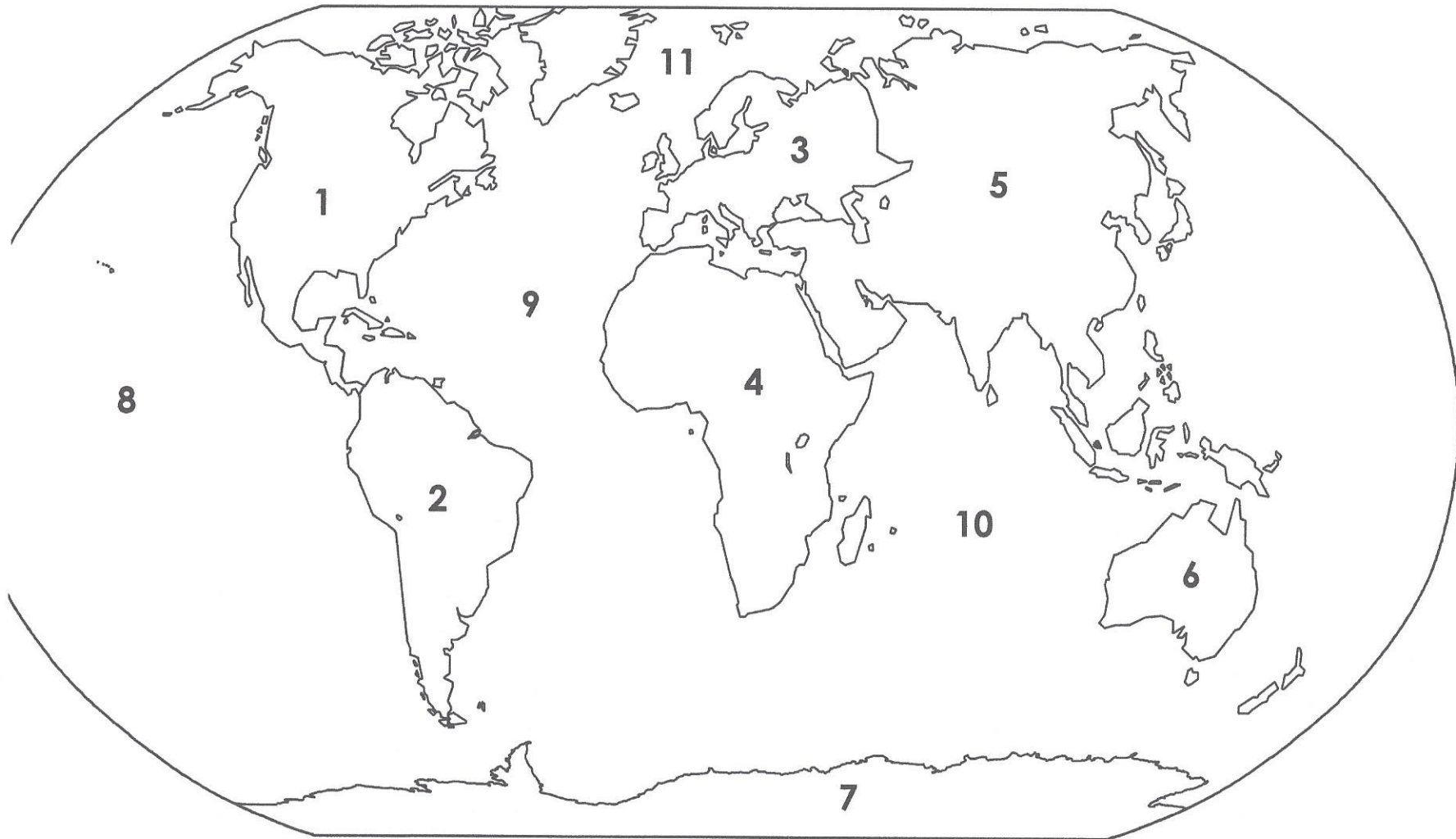


3rd Grade Science & Social Studies Menu



<p>Go outside and choose <i>at least two</i> natural items outside to compare and contrast. Make a Venn diagram of your findings. Each section should include a minimum of 3 facts with examples.</p>	<p>Pretend you are an animal and write from the animal's perspective. Think about how the animal may think, move, feel, eat or ways they survive.</p>	<p>Create a children's book explaining energy. How can you explain nonrenewable energy and renewable energy?</p>	<p>Pretend you are the teacher. Create a 10 question quiz or test (no true or false) on a science or social studies topic, for example, planets. Your assessment may include: multiple choice, short answer, fill in the blanks, etc.</p>
<p>Design a home, community or neighborhood by drawing a map. Please include landmarks and a key.</p>	<p>Design a comic strip with at least 5 sections that illustrate the relationship between a prey and predator.</p>	<p>Choose one state in the U.S and research it. Find out at least 3 things you didn't already know. Draw and/or write about them.</p>	<p>Draw a diagram on a cycle, for example water cycle, frog life cycle, etc. Then, write at least one paragraph explaining what happens in this cycle.</p>
<p>Create a game about a science or social studies topic you've learned about. Your game should include questions on your topic and vocabulary terms.</p>	<p>Write an acrostic poem using a U.S. state. Use each letter to share information about that particular state, i.e. landmarks, location on map, capital, big cities, climate, natural resources, etc.</p>	<p>Go on a walk around your yard. Do you have any plants starting to grow? As the temperatures get warmer record any changes.</p>	<p>Think about the way our community has changed since so many people have been at home. Other than the police and fire department, which jobs are most important to our community? Which roles are helping people? Write or draw and explain in 4-6 sentences.</p>
<p>Create a brochure advertising a state or region in the United States. Why should someone visit here? Think about landmarks, climate, and culture.</p>	<p>Draw or list the <i>most</i> important people that help Brunswick to be safe and healthy. Write 2-3 sentences explaining why each person is important.</p>	<p>Compare the climate/seasons in Maine with the climate/seasons in a state from the Midwest. Create a Venn diagram to record the similarities and differences.</p>	<p>Create a ten event timeline. This timeline may be important events in your life or historical events. Please write at least 2 sentences about each event.</p>

Continents and Oceans of the World



Name: _____

Continents and Oceans

Write down the name of the ocean or continent that matches each number on the world map.

Continents

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Oceans

8. _____
9. _____
10. _____
11. _____

Super Teacher Worksheets - www.superteacherworksheets.com

Word List

Africa	Antarctica	Arctic Ocean	Atlantic Ocean
Asia	Australia	Europe	Indian Ocean
North America	Pacific Ocean	South America	

Post in Google Classroom:

Check out this FUN website from the San Diego Zoo for a virtual field trip!

<https://kids.sandiegozoo.org>

Accompanying Assignment:

Make your own Lizard Lair!

Lizards make good neighbors because they eat insects and snails that might otherwise hurt plants in your garden. And if you have places for lizards to seek shelter, they will feel welcome in your yard.

A home for a lizard doesn't need to be very big or complicated. If you pile up stones (fist-sized or larger,) a lizard can squeeze into the spaces between the rocks to hide and rest. You can also make a lizard shelter that's covered with camouflage-here's how!

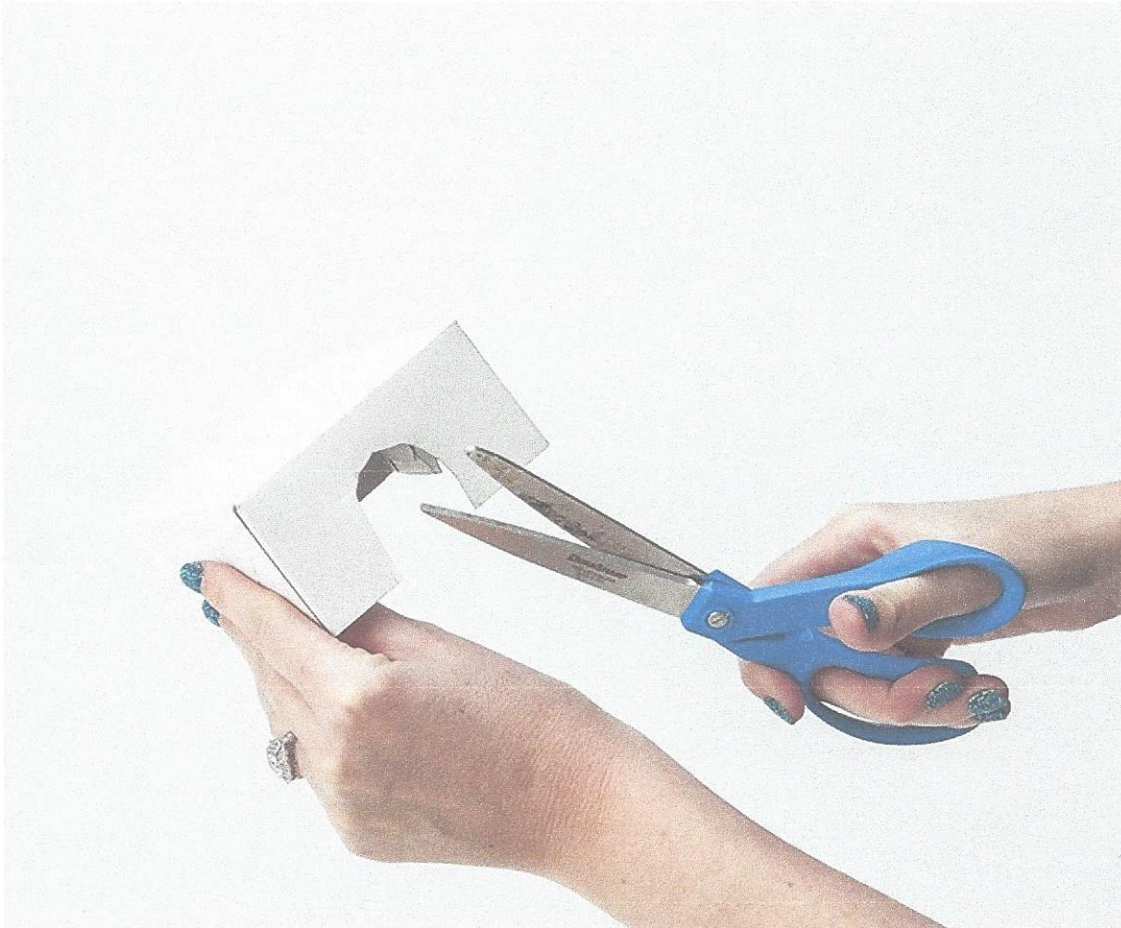
What you need:



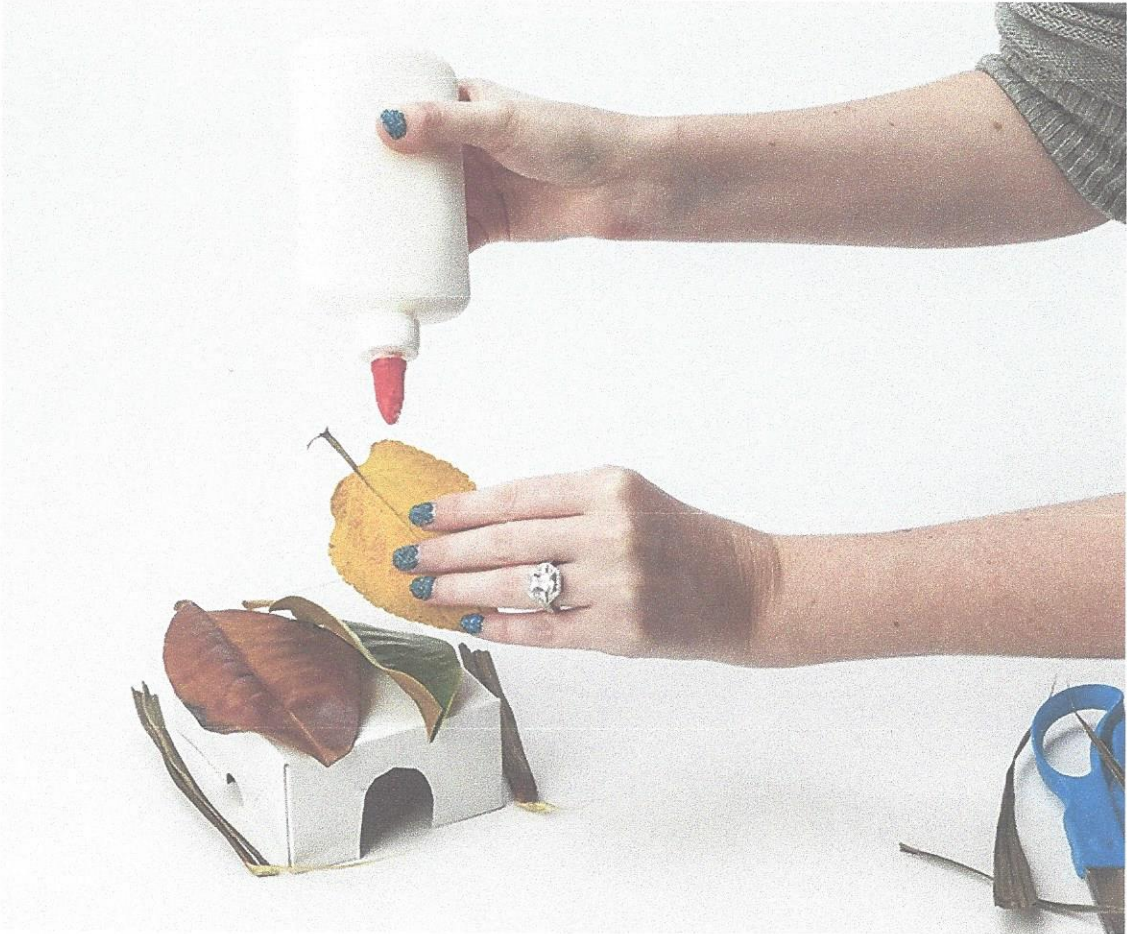
- 1 cardboard box (a shoebox works but so will something smaller. In this example, we used a box that held business cards.)
- Leaves from bushes and trees around your yard
- Scissors
- Glue

Instructions:

1. Cut and opening in one end of your cardboard box.



2. Use glue to cover all the surfaces with leaves. Make sure some leaves overlap each other.



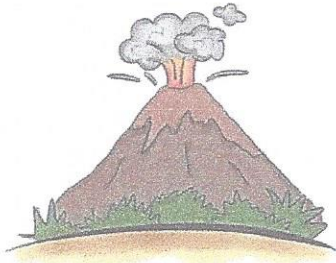
3. When the glue has dried (usually overnight), place the Lizard Lair on the ground in a good spot, such as under a bush or in tall grass or weeds. Why not make another one? The more homes you have around the outside of your home, the more lizard



WHAT IS GEOTHERMAL ENERGY?

Geothermal energy is produced by hot rocks underground. To harness this energy, deep wells are drilled into the earth. Then, cold water is pumped down into these wells. When the water goes through cracks in the rock, it is heated up. Upon its return to the surface, it has transformed into steam and hot water. This energy is then used to power generators.

Most places on the planet where geothermal energy is found are not visible. However, there are some places where geothermal energy makes its way to the surface. These places are volcanoes, fumaroles, hot springs and geysers.



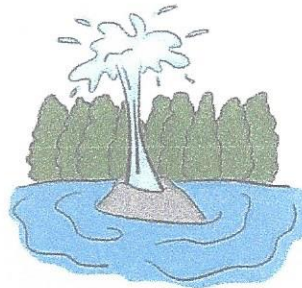
A **VOLCANO** is a vent in the earth's crust in which hot, melted rock comes out.



A **FUMAROLE** is a hole in the ground where vapors and gas come out. These are usually found in volcanic regions.



A **HOT SPRING** is a source of water which flows out at a temperature higher than the average temperature of other springs.



A **GEYSER** is a spring that occasionally shoots out hot water and steam.

Using the vocabulary above (words in purple), complete the following sentences.

1. There is a _____ in Yellowstone National Park named Old Faithful that shoots out hot water like clockwork every day.
2. When a _____ is erupting, it is a good idea to get out of its path.
3. Many people take advantage of the warm waters of a _____.
4. The steam coming out of a _____ looks a lot like smoke.

VOCABULARY REVIEW

USE THE CLUES AND THE WORD BOX TO COMPLETE THE WORD SEARCH.

ENERGY
VOLCANO
TURBINE

POTENTIAL
FUMAROLE
CONSERVE

KINETIC
GEYSER

RENEWABLE
HOT SPRING

NON-RENEWABLE
SOLAR CELL

BIOMASS
SOLAR PANEL

Tip: → ↓ ← ↗ ↘ ↙ ↖

P V B I O M A S S C A G Q U U T O E P F
D O G X X P R E O J H U E U U Q L I A O
R L Z X G W O N L S R M W Y Y B Q H R T
T C W S R P S T O O M E D I A X C O J R
U A T A O E U L E R R K S W G F O T E C
R N S W R E A E A N T A E Y L J I S N J
B O Z V I R N R N N T N M U E S G P E M
I G E O C I L I M I E I M U N G L R R S
N P A E B G G M X R V A A O F E M I G G
E T L R S O L A R P A N E L O P S N Y U
N O N R E N E W A B L E M N O N Z G O D
L L E C R A L O S G W K I N E T I C L B

- Energy in motion is called _____ energy.
- Stored energy is called _____ energy.
- A machine powered by rotating blades is a _____.
- A spring that shoots out hot water is a _____.
- Sources of energy that will never run out are known as _____ energy.
- Energy that comes from things such as plants and trees is known as _____ energy.
- _____ is the ability to do work.
- A hole in the ground that has vapors or gases coming out is called a _____.
- A tool that changes light energy into electricity is a _____.
- _____ means to use something in small amounts.
- A _____ is a vent in the Earth's crust in which melted rock comes out.
- Energy available in a specific amount that will not regenerate is known as: _____ energy.
- A _____ is a group of solar cells connected to form a large, flat surface.
- A source of warm water is called a _____.