



GREAT HEARTS WESTERN HILLS

A Great Hearts Academy

8702 Ingram Road | San Antonio, Tx 78251 | Office: (210) 888-9488 | Fax: (210) 888-9484 | www.greatheartswesternhills.org

Dear Fifth Grade Families,

We will miss your scholars yet encourage them to enjoy their summer break they deserve. It has been an honor and a privilege to serve them and be a part of their lives. We hope you take the time to rest, play, and rejuvenate during this summer. While we all need a time of recreation, we will miss you and your scholars. Thank you for all the support and kindness you have extended us as expressed through warm conversations, support during quarter parties (we wished we could have gone to SeaWorld) and your generosity through the many gifts you gave us.

Please enjoy this final packet. This packet is an enrichment packet, it will not be turned in or graded; it is simply for your scholar's enjoyment and benefit. And yes, if there are any questions, do not hesitate to reach out to us.

HAVE A BEAUTIFUL SUMMER!

Kindly,

Your 5th Grade Teachers

Mr. Craig Cowley - 5A Lead	craig.cowley@greatheartswesternhills.org
Ms. Gabby Pedrotti - 5A AT	gabriellina.pedrotti@greatheartswesternhills.org
Mrs. Hannah Allen - 5B Lead	hannah.allen@greatheartswesternhills.org
Mr. Vinny Dorazio - 5B AT	vinny.dorazio@greatheartswesternhills.org

Table of Contents

1. Letter to Families.....	Pg. 1	
2. Table of Contents.....		Pg. 2
3. Parent Packet.....	Pg. 3	
4. Student Packet.....	Pg. 4	

Parent Packet

5th Grade - Checklist

Math	<input type="checkbox"/> <u>Independent Work</u> or <u>Parent Assisted</u> : Read information and directions; video for assistance available, Fraction Review
History	<input type="checkbox"/> <u>Independent Work</u> or <u>Parent Assisted</u> : Complete Crossword, State Capitals
Science	<input type="checkbox"/> <u>Independent Work</u> or <u>Parent Assisted</u> : Complete Word Search, Photosynthesis Worksheet
Literature	<input type="checkbox"/> <u>Independent Work</u> : Student reads passage silently or aloud, Homophone Worksheet

Math Enrichment Exercise

Hello 5th grade!

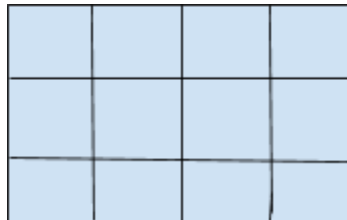
We are so proud of all of your hard work and dedication this year in 5th grade. The growth you have shown is tremendous. As we wrap up the school year we thought the best way for you to enrich your math schools this week would be to practice and memorize your multiplication facts. These facts have served you well in the past and becoming more fluent with them will continue to serve you in the future. So let's get started on making some flash cards:

Supplies:

- **12 pieces of construction paper (if no construction paper use computer paper, if nothing else, lined paper will do)**
- **Either markers, crayons, colored pencils, or some writing utensil**
- **Scissors**

Directions:

1. **Using your chosen writing utensil take the first sheet of paper and divide it into 12 equals parts like so:**



2. **For each box, assign it a math fact without the answer:**

0 x 1	0 x 2	0 x 3	0 x 4
0 x 5	0 x 6	0 x 7	0 x 8
0 x 9	0 x 10	0 x 11	0 x 12

3. **Cut out each math fact, and then write the answer on the back. Repeat this process for your 1's - 12's math facts.**
4. **Practice your math facts! You can test yourself or play with a friend or parent. The more you play the better you will get and the easier math will be!**

Fraction Review

For each problem below, add or subtract. Show your work on another piece of paper and write your answers on the lines provided.

- | | | |
|--|--|---|
| 1) $\frac{1}{2} - \frac{1}{4} =$ _____ | 6) $\frac{7}{10} - \frac{1}{2} =$ _____ | 11) $1\frac{10}{21} + 4\frac{5}{7} =$ _____ |
| 2) $\frac{4}{8} + \frac{1}{4} =$ _____ | 7) $\frac{3}{6} + \frac{2}{12} =$ _____ | 12) $2\frac{7}{27} + 8\frac{5}{9} =$ _____ |
| 3) $\frac{1}{3} + \frac{3}{9} =$ _____ | 8) $\frac{4}{14} + \frac{1}{7} =$ _____ | 13) $7\frac{4}{5} - 3\frac{8}{20} =$ _____ |
| 4) $\frac{3}{5} - \frac{1}{3} =$ _____ | 9) $\frac{1}{3} + \frac{3}{9} =$ _____ | 14) $9\frac{8}{20} - 4\frac{2}{5} =$ _____ |
| 5) $\frac{2}{3} - \frac{1}{2} =$ _____ | 10) $\frac{4}{12} - \frac{1}{3} =$ _____ | 15) $3\frac{1}{7} + 5\frac{12}{21} =$ _____ |

For each problem below, add or subtract fractions and then compare results. Write greater than (>), less than (<), or equal to (=).

- | | |
|--|--|
| 1) $6\frac{1}{4} - 3\frac{1}{20} \square 6\frac{1}{4} - 3\frac{1}{20}$ | 4) $3\frac{1}{4} + 3\frac{4}{6} \square 2\frac{1}{2} + 3\frac{1}{2}$ |
| 2) $6\frac{5}{10} + 8\frac{1}{4} \square 2\frac{4}{14} + 7\frac{1}{7}$ | 5) $9\frac{5}{6} + 5\frac{2}{3} \square 8\frac{7}{9} - 4\frac{1}{3}$ |
| 3) $8\frac{3}{4} - 3\frac{5}{7} \square 9\frac{6}{7} - 3\frac{2}{14}$ | 6) $5\frac{1}{4} - 1\frac{1}{8} \square 3\frac{1}{2} + 5\frac{3}{6}$ |

For each problem below, find the missing factor by computing the inverse operation.

- | | |
|--|---|
| 1) $4\frac{1}{2} - \square = 2\frac{7}{8}$ | 3) $\square + 8\frac{7}{8} = 13\frac{3}{8}$ |
| 2) $\square + 1\frac{1}{2} = 11$ | 4) $7\frac{5}{8} - \square = 5\frac{3}{8}$ |

E.L.A.R. Enrichment Activity

The Sun Dance

We hope you enjoy this story. It is a great read aloud or is excellent to be read quietly.

For Plains Indians, the Sun Dance is a way to ask for or repay a favor granted to them by one of the great forces, or gods. The Blackfoot Indians tell versions of the following story to explain the origin of the Dance.

One summer night long ago, a young woman named Feather Woman left her hot, airless teepee to sleep in the sweet-smelling breeze of the plains, with no covering but the sky. She awoke just before dawn and saw the morning star rising. The star was beautiful and bright in the clear morning air, and the woman whispered, "I love the morning star, for he is more beautiful than any man." Then she rose and thought no more about the morning star until several weeks later, when she was out walking and met a beautiful young man. His head was crowned with eagle feathers, and his hands and face glistened as though he had passed through a spider web.

"Feather Woman", the young man said, "I am Morning Star. One night in the summer I looked down and saw you lying in the grass. As I was looking down, you looked up and said you loved me. I knew then it was you I wanted as my wife. You must leave your people and come with me to my home in Star Country."

Feather Woman wanted to say goodbye to her family, but Morning Star said, "There must be no leave talking. Come at once." So Feather Woman took his hand and stepped onto the silk gloss of a spiderweb. Then the two of them flew into the sky as magically as the spider casts his silken threads.

In Star Country, Feather Woman discovered a country much like her own. The prairie grasses sang in the wind, the star people stitched soft, white deerskins, and women spent their days digging for roots.

Morning Star took Feather Woman to the teepee of his father and mother, Sun, and Moon. Since it was daytime, Sun was out doing his work, but Moon was home and welcomed Feather Woman with smiles. When Sun returned in the evening, weary from his passage across the sky, he spoke to Feather Woman sternly, saying that if she wished to remain in Star Country she would have to learn the ways of his people and obey the rules. He said that Moon would teach her.

Morning Star and Feather Woman were married and soon had a child, Star Boy. Whenever Morning Star went out to dig up roots with Moon and the other star women, she would bundle her child in soft clothes and carry him with her.

Moon told Feather Woman, "You may dig up any roots that grow in the sky, but I warn you not to dig up the giant turnip. If you do, unhappiness will follow".

One afternoon, Feather Woman went digging for roots without Moon and came upon the giant turnip. and she began to try to dig up the giant turnip. She had made little progress, when two cranes alighted beside her. They cooed, "Can we help you? Our bills are sharp. We can unearth the root for you." Not knowing that there was a terrible history between the cranes and the star people, Feather Woman consented. The cranes tore at the turnip's roots, and finally uprooted the giant plant.

Now, Moon had been very wise when she warned Feather Woman not to dig up the giant turnip, for the turnip plugged up the hole through which Morning Star had brought Feather Woman to the Star Country. Feather Woman peered down through the hole and saw the world below, the world which she had left behind. She saw her sisters running on the prairie and her father returning from a hunt, and she heard her mother singing. Suddenly she felt terribly homesick, and she began to weep,

When Feather Woman returned home, Morning Star saw her face and knew at once what had happened. When Sun came home and learned what had happened, he was very angry. He announced, "She has disobeyed and must go back to her people – she and the child. There can be no sorrow in the Country of the Stars." Morning Star and Moon begged Sun to allow Feather Woman and Star Boy to stay, but he refused to stay.

That night, as members of Feather Woman's old family lay in the prairie grass, they saw a star falling towards them. They ran to the place where it fell and found Feather Woman who had vanished many months ago, along with her child.

Feather Woman returned to live with her people, but she was never happy. One day, when Star Boy tried to wake her, he found that her spirit had gone.

Ever since his passage from Star Country to Earth, Star Boy had been blemished by a strange scar on his face. People called him Scar Face and made fun of him.

When Scar Face was a young man, he fell in love with the daughter of the chief. Unlike other people, she talked to him kindly when they met and smiled and looked in his eyes. Scar Face wanted to marry her, but she said he would not marry her until he removed the strange scar from his face. Scar Face did not know what to do. How could he make the scar vanish? At last he consulted an old medicine woman. She told him his scar had been created by the Sun and there was only one way to remove it; he must return to Sky Country and convince his grandfather, the Sun, to remove the mark.

"But how shall I reach him?"

"The medicine woman gave him moccasins and a new shirt. "You will find him" she said.

Scar Face traveled far into the mountains until one night the Milky Way stretched down where he was sitting and then stretched upward, like a bridge from the Earth to the sky. Scar Face stepped into the air and followed the Milky Way up into the Sky Country, to the home of his grandparents, Sun and Moon.

At first Sun and Moon did not recognize Scar Face and wanted to kill him, for Earth-dwellers were not supposed to enter the Sky Country. But Moon being kind, prevented it and saved the boy's life. Then Morning Star, the boy's father, came from his teepee. He recognized his child at once.

Scar Face lived with Sun and Moon and Morning Star. One afternoon when he and Morning Star were hunting together, several cranes appeared and began swooping down on them. Scar Face then attacked the cranes with his spear and felled them one by one.

When Sun heard of the brave deed Scar Face had done, he removed the scar from the young man's face and made him Star Boy again. He also made his grandson a messenger to the Blackfeet people of the plains. Sun promised that, if the people would honor him by doing the Sun Dance, he would heal those that were sick among them. He taught Star Boy the secrets of the dance and the songs to be used in it, and he gave him raven feathers to wear, and a wonderful robe and a magical flute.

Then Star Boy returned to his people, the Blackfoot of the Plains, running the Milky Way. When he had taught them the Sun Dance, he married the girl he loved, and Sun allowed them to come and live with him and Moon and Morning Star in the Sky Country. Sometimes, even today, if you get up early, you can catch a glimpse of Morning Star and Star Boy side by side in the sky.

Name: _____

Date: _____

HOMOPHONE EDITING

This story is full of homophone mistakes! Find each mistake, cross it out and write the correct homophone above it.

The number of errors is in the parentheses after each paragraph. Can you find them all?



^{One}
~~Wen~~ fine day when the son was shining weigh up in the sky, a pear of hairs came hopping buy. Watching them from behind a fur tree was an enormous grizzly bare. He had bean keeping an I on them four about a weak from his cave in the hills. Now hear was his chance for a peace of yummy hair pie for tee. (16)

He crept from his hiding place and charged at the hairs. They took too there heals and ran four the mane rode. Luckily, a passing van stopped and gave the hairs a lift and saved they're skins. (9)

The hairs looked over there shoulders too sea the bare stamping his feat with rage. As they turned back they noticed sum dead pheasants in a sack. The van driver was a hunter and was thinking, "Eye rather fancy a nice crusty hair and pheasant pie four tee tonight," as he reached four his gun. (12)

The hairs did knot want two bee the hunter's tee, sew they jumped out the window just inn time. They scurried into a whole, wear they were safe from the hunter. Then they each eight ate carats. (12)

Body Systems Word Search

All of the words in the list below are hidden in the puzzle. They might be placed vertically, horizontally, or diagonally and they might be forwards or backwards. How many can you find?



ARTERIES
BLADDER
BONES
BRAIN
BRONCHIAL TUBE
CIRCULATORY
DIGESTIVE
ESOPHAGUS
EXCRETORY
GALLBLADDER
HEART

INTESTINES
KIDNEYS
LARYNX
LIVER
LUNGS
MOUTH
MUSCLES
MUSCULAR
NERVES
NERVOUS
PANCREAS

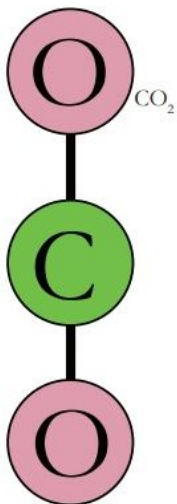
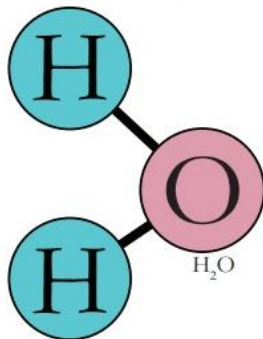
PHARYNX
RECTUM
RESPIRATORY
SKELETAL
SPINAL CORD
STOMACH
TRACHEA
URETERS
URETHRA
VEINS

Photosynthesis

Use the word bank below to fill in the empty spaces in the paragraph to the right.

WORD BANK

CARBON DIOXIDE
CHLOROPHYLL
GLUCOSE
FOOD
LIGHT
BREATHING
WATER



Photosynthesis is a process where plants create their own using sunlight.

Plant leaves absorb red and blue into their leaves, reflecting green light. This is why most plants are green in color. A chemical called is found inside most plant cells. This is the substance that absorbs sunlight.

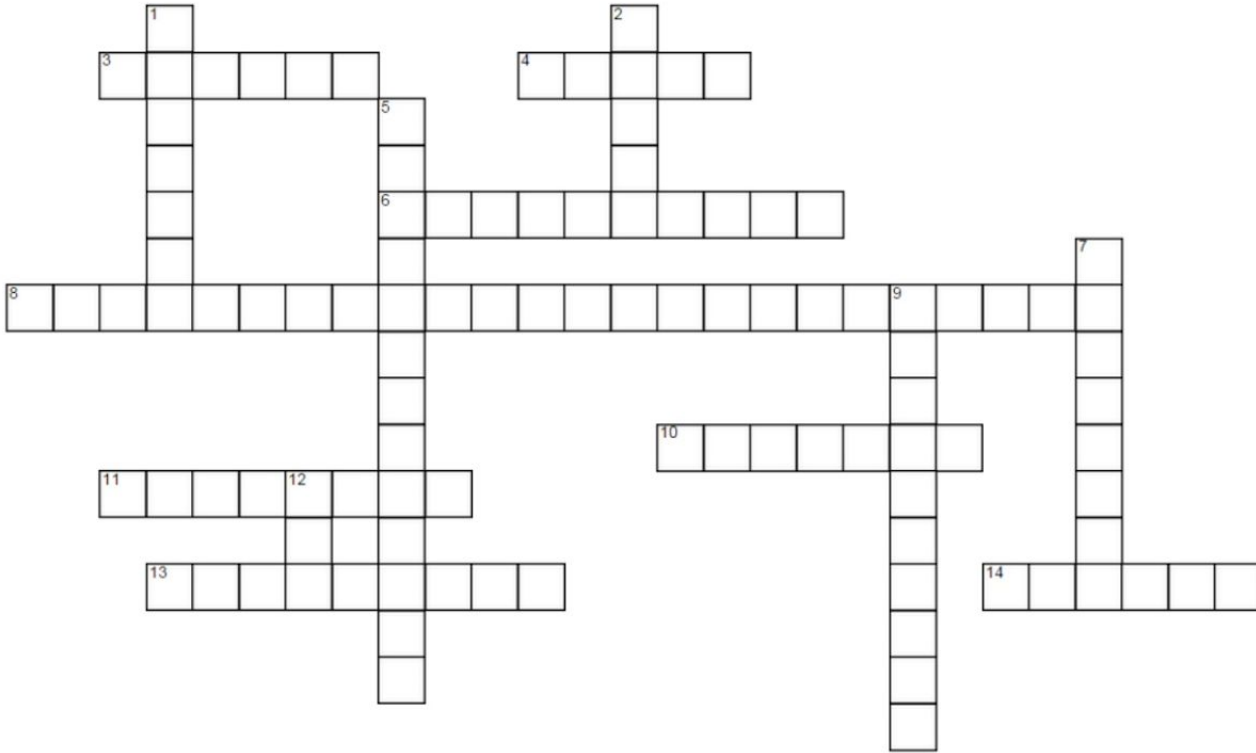
Meanwhile, plants are absorbing (H₂O) through their roots and storing it within their cells. When the sunlight hits the water molecules, the water breaks apart into hydrogen and oxygen.

Plants also take (CO₂) in through holes in their leaves, called stomata. This is a plant's way of . When the carbon dioxide combines with hydrogen, a type of sugar called is formed. This is a plant's food, and it uses this energy to live and grow. The extra oxygen molecules are released back into the atmosphere.

History Enrichment Activity

Name _____

The Civil War Review Crossword Puzzle



Across

3. He was a slave who started a violent rebellion in Virginia but was captured and executed.
4. Lincoln named him commander of all Union Armies in March 1864.
6. This battle in Pennsylvania is considered the turning point of the war.
8. After Antietam, Lincoln issued this document that freed slaves in rebellion states.
10. This Confederate general earned his famous nickname at Bull Run.
11. He escaped from slavery and encouraged Lincoln to use African-American soldiers in the army.
13. The most famous abolitionist newspaper in the US before the Civil War was The ___.
14. The first shots of the war were fired at this Fort in South Carolina.

Down

1. The first major land battle in the Civil War was here in Virginia and a victory for the South.
2. He was the president of the Confederacy after it seceded from the Union.
5. The Compromise of 1850 admitted California but added this Law which angered Northerners.
7. This battle in Maryland was the deadliest day in American history.
9. Court House where Gen. Lee officially surrendered to Gen. Grant on April 9, 1865.
12. He was the top general of the Confederate Army of Northern Virginia.



State Capitals



Match the capitals (red) with its state (blue). Write the correct number in the space provided.

___ Alabama	___ Indiana	___ Nebraska	___ Rhode Island
___ Alaska	___ Iowa	___ Nevada	___ South Carolina
___ Arizona	___ Kansas	___ New Hampshire	___ South Dakota
___ Arkansas	___ Kentucky	___ New Jersey	___ Tennessee
___ California	___ Louisiana	___ New Mexico	___ Texas
___ Colorado	___ Maine	___ New York	___ Utah
___ Connecticut	___ Maryland	___ North Carolina	___ Vermont
___ Delaware	___ Massachusetts	___ North Dakota	___ Virginia
___ Florida	___ Michigan	___ Ohio	___ Washington
___ Georgia	___ Minnesota	___ Oklahoma	___ West Virginia
___ Hawaii	___ Mississippi	___ Oregon	___ Wisconsin
___ Idaho	___ Missouri	___ Pennsylvania	___ Wyoming
___ Illinois	___ Montana		

- | | | | |
|-----------------|--------------------|--------------------|-----------------|
| 1. Lincoln | 13. Juneau | 25. Phoenix | 38. Little Rock |
| 2. Carson city | 14. Helena | 26. Albany | 39. Hartford |
| 3. Sacramento | 15. Baton Rouge | 27. Cheyenne | 40. Columbia |
| 4. Montgomery | 16. Jefferson City | 28. Charleston | 41. Frankfort |
| 5. Concord | 17. Jackson | 29. Salt Lake City | 42. Madison |
| 6. Denver | 18. Tallahassee | 30. Boston | 43. Atlanta |
| 7. Trenton | 19. Springfield | 31. Raleigh | 44. Lansing |
| 8. Santa Fe | 20. Bismarck | 32. Nashville | 45. Honolulu |
| 9. Indianapolis | 21. Dover | 33. Des Moines | 46. Boise |
| 10. Annapolis | 22. Saint Paul | 34. Olympia | 47. Montpelier |
| 11. Providence | 23. Salem | 35. Harrisburg | 48. Pierre |
| 12. Augusta | 24. Topeka | 36. Columbus | 49. Richmond |
| | | 37. Oklahoma City | 50. Austin |

