

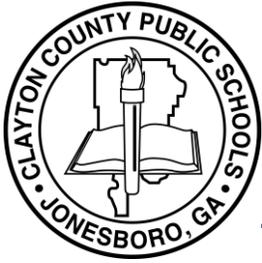
School is out, but learning continues!



GRADE 6

ACADEMIC ENRICHMENT - DECEMBER 2016

Clayton County Public Schools



Clayton County Public Schools

Chief Academic Office

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LUVENIA JACKSON
Superintendent of Schools

Folasade Oladele, Ed.D.
Chief Academic Officer

Dear Parents:

The Georgia Milestone Assessment System (GMAS) is a more demanding assessment system. The assessment system measures student performance on more rigorous curriculum based on the Georgia Standards of Excellence. The Division of Teaching and Learning is providing academic enrichment tasks for students to complete during winter break in order to support their learning, and to ensure that they continue to reinforce their learning. The assignments focus on writing because constructed response and extended response questions create a more rigorous assessment of student writing ability in all grade levels. This more rigorous application of writing in all content areas is a part of Georgia Milestones.

The assignments will include grades 1-8, and high school EOC tested courses, and will be provided in all tested areas, English language arts, math, science, and social studies. Students are encouraged to read the assignments, complete the assessments and return to school in January with their finished work for teachers to review and support them in areas of need. Parents are encouraged to assist students with the completion of tasks if needed. Enrichment packets can be found on the Clayton County Public Schools website (www.clayton.k12.ga.us) and through the CCPS mobile app.

We encourage you to visit the GADOE website where you can find information on Georgia Milestones, including a helpful video that explains the purpose for the testing system. Also, you will find additional resources on the Clayton County Public Schools website, including a Parent's Guide to the Georgia Milestones, translated in Vietnamese, Spanish and English.

Thank you for your attention to this matter, and best wishes for the success of our children.

Regards.

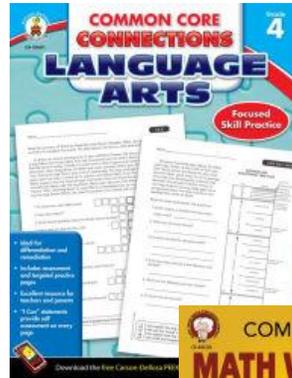
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Academic Support Resources for Parents

- There are **Common Core** workbooks for Mathematics and Language Arts that can be purchased from Carson-Dellosa Publishing.
- Workbooks are provided for Grades 3-8 at a cost of \$9.99 each.
- Workbooks can be purchased directly from the publisher's website or from Barnes and Noble.

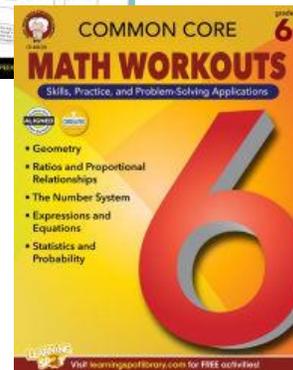
- Carson-Dellosa Publishing website

- Grades K-5
 - [Math Workbook](#)
 - [ELA Workbook](#)
- Grades 6-8
 - [Math Workbook](#)
 - [ELA Workbook](#)



- Barnes and Noble website

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 - [ELA Workbook](#)
- Grades 6-8
 - [Math Workbook](#)
 - [ELA Workbook](#)



Read the article "The Hermit Crab" and answer the question that follows.

The Hermit Crab

The word *hermit* is used to describe someone or something that lives alone. In the case of the hermit crab, however, nothing could be further from the truth! Though each hermit crab has its own shell, hermit crabs like to socialize and live in packs.

One of the many interesting things about the hermit crab is its body, which is segmented. This means that the hermit crab's body has different parts, like an insect's body, rather than one part, like a snake's body.

The front half of the hermit crab's body is covered in an exoskeleton, or hard outer skin.

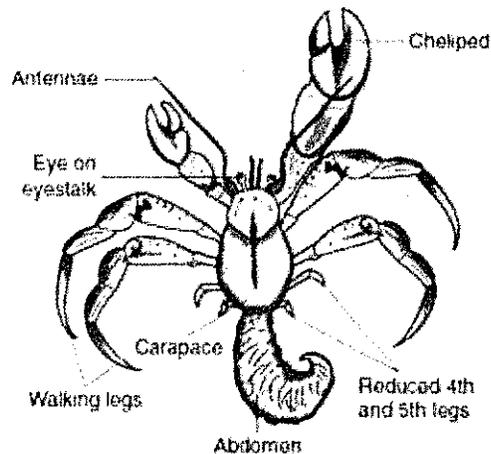
The lower half of the hermit crab's body is not covered with an exoskeleton. Thus, it is more fragile than the other parts of the crab's body. The only protection for this soft part of its body is its shell. However, hermit crabs are not born with shells. They spend a great deal of time searching for abandoned shells that they can squeeze into. The hermit crab keeps its shell until it grows too large for it. Then it leaves to go find another. Though hermit crabs are very particular, they often select objects other than shells to crawl into.

For example, they have been known to crawl into small cans.

The hermit crab has two front claws that are different sizes and have different purposes. The left claw is large and is used to defend the crab against predators. This claw can also be used to grab objects or to balance when the crab is using its other claw. The right claw is smaller than the left and is used to grasp food.

When the hermit crab searches for food, it uses its antennae to smell and taste. The antennae are also used to feel objects. The hermit crab can see in many different directions with its compound eyes. Compound means the eyes have many lenses. The eyes stick out from the rest of the hermit crab's body because they are at the end of a long body part called an eyestalk.

The Underside of a Hermit Crab without Its Shell



Though the hermit crab is selective about its shell, it is not picky when it comes to the type of food it will eat. The hermit crab tends to eat anything that is lying around. It will eat algae, sea plants, fish, and vegetables. It will also eat decaying matter that has washed ashore. A hermit crab may even eat its own skin once it molts, or sheds, it!

Hermit crabs are found in warm, tropical places such as the Caribbean, South America, Central America, and Australia. They are born in water but move to land once they mature. They prefer to live in small, cozy places such as within groups of rocks or under exposed tree roots.

Most hermit crab colonies contain around 100 of the little creatures. They tend to pile on top of each other to sleep and to travel in packs. This is why most experts recommend that if you keep a hermit crab as a pet, you should have more than one. (See the box below for more information.) Though hermit crabs are less common as pets, they are a fascinating choice to consider. If you do keep some hermit crabs as pets, I think you will agree that they are wonderful!

Hermit Crabs as Pets

Hermit crabs make great pets. If you would like to purchase and raise hermit crabs as pets, follow these simple steps:

- Purchase an aquarium that is at least ten gallons.
- Set up a heater underneath the tank, and be sure to keep the temperature of the aquarium between seventy and eighty-five degrees Fahrenheit.
- Place sand or coconut fiber in the tank so the hermit crabs have a place to burrow.
- Arrange decorations in the tank, such as plastic plants.
- Put the hermit crabs in their new home.
- Give the hermit crabs access to both fresh food and water.
- Clean the aquarium regularly.

Standard: ELACC6RI5. Analyze how a particular sentence, paragraph, chapter, or section fits into the overall structure of a text and contributes to the development of the ideas.

How does the last paragraph of the passage affect the passage as a whole? Use details from the passage to support your answer.

The Carpenter

A house is sketched on paper,
Then drawn on plans of blue.
But it is the carpenter's careful labor
That makes the dream come true.

Calloused hands unroll the blueprint.
Keen eyes review with ease.
A young man might see a house,
But a home the carpenter sees.

He cuts and shapes with vision.
His goal is understood:
He converts the lines and numbers
Into lengths of measured wood.

Like an artist he wields his hammer,
Pounding rhythms to his own beat.
He sculpts and forms a framework
That painted walls will soon complete.

Like an athlete he climbs and balances.
Lifting, fastening bulky beams,
Building the backbone of a sturdy house,
He frames a family's dreams.

Walls and windows, floors and doors,
The carpenter adds with care.
He knows a fireplace heats a house,
But a happy family warms the air.

When the home of dreams is ready,
An inner smile he then sets free.
A young man might see a house,
But a home the carpenter sees.

What is the MOST LIKELY reason the poet included the second stanza in the poem? Use details from the poem to support your answer.

Calloused hands unroll the blueprint.
Keen eyes review with ease.
A young man might see a house,
But a home the carpenter sees.

In this section, you will read about an ongoing public debate as to whether television and movies reflect society or influence it. You will **write an argumentative essay supporting either side of the debate in which you argue that television and movies reflect society or that they influence it.**

Before you begin planning and writing, read the two texts:

1. "Movies and Television: A Reflection"
2. "Positive Influence, Please!"

As you read the texts, think about what details from the texts you might use in your argumentative essay.

Now write your argumentative essay. Be sure to:

- Introduce your claim.
- Support your claim with logical reasoning and relevant evidence from the texts.
- Acknowledge and address alternate or opposing claims.
- Organize the reasons and evidence logically.
- Use words, phrases, and clauses to connect your ideas and to clarify the relationships among claims, counterclaims, reasons, and evidence.
- Establish and maintain a formal style.
- Provide a concluding statement or section that follows from and supports the argument presented.
- Check your work for correct usage, grammar, spelling, and capitalization.

Movies and Television: A Reflection

Movies and television reflect society because they tell stories about our social world. People enjoy stories about that world because they connect with stories about themselves. They also enjoy stories about other people, especially if it involves cheering for people who work their way out of tough situations.

Consider a television situation comedy about a middle-class family. The parents and their three children have many bad days that could be drawn from many true-life experiences. Their exaggerated ups and downs are humorous, but together the family survives. The show reflects society by showing a world to which most people can relate.

Sometimes the characters in the story are not people. Consider a cartoon movie about a lion family.

The plot seems to be based on real animals. Male lions are competing to be the head of a family group. However, these lions also have names. They talk to each other. They sing. They show human emotions. In other words, the plot is really a human drama. It reflects society by portraying true family relationships.

Sometimes writers include elements of modern society in movies and television shows that are set in the past. They believe this helps more viewers imagine being part of the story. For example, consider a movie about a pirate who is both foreign and familiar. He can sail a tall ship, but he likes to stretch rules. He appears to be from the 1700s, but he behaves much more like a modern teen. Many parts of his character are clearly drawn from the experiences of real people. The movie reflects both historical and modern society.

These three examples are similar to movies that have been very popular with their audiences. They show that the best movie and television writers draw from the experiences of real people to tell their stories. When the characters seem real, the plots imitate life, and the stories reflect our society.

Positive Influence, Please!

Movies and television have the power to change society. Why? Because people like to imitate each other. In fact, people are wired to imitate. Babies imitate the looks on their parents' faces. Young children learn how to talk by imitation.

Even teens and adults learn by imitation. They pick up social cues. They copy ways of speaking. They copy each other's clothes. They listen to each other's songs. They watch the latest movies and shows. Partly they do this to explore the world in a safe way. Partly they do it to fit in with their peers. Mostly they do it by instinct, without thinking.

Millions of people watch movies and shows. Because the characters on the screen are also people, they can prompt the audience to imitate them. They can change people's behavior. For example, in the 1970s, women all over the world copied the hairdo of an actress in television series. Anyone whose hair could hold the famous flip wore the style. Similarly, in the 1990s many young children learned the moves of a group of superheroes who appeared in both a television series and several full-length movies.

Just like children, teens and adults copy speech patterns from movies and television shows. This imitation of language appears to have a more lasting effect. For example, because it is shocking and adds drama, characters on some shows are disrespectful. People who mistake movie and television scripts for real life copy these characters. As a result, disrespectful language is creeping into everyday speech. The same characters behave badly toward each other. They have changed some people's ideas about how to behave in family groups.

However, all is not lost! There are situation comedies and movies that have changed society for the better. Several popular high school dramas show people from different social groups getting along and making friends. These same shows give teens good ideas about how to handle social problems and relationships.

Name _____

6th Grade Mathematics

MCC6.RP.2 Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$ (b not equal to zero), and use rate language in the context of a ratio relationship.

1. Sealant strips provide protection from water for machines used outside. The table shows the product information about two types of these strips.

Sealant Strips

Product	Original Thickness	Cost	Time before Replacement
Type 1	5 mm	\$20.00	16 months
Type 2	8 mm	\$36.00	24 months

Both types of strips lose thickness over time. They must be replaced when the thickness becomes 1 millimeter (mm).

Part A

Which of the products costs less to use per month? Explain your answer.

Part B

Which of the products loses thickness more slowly? Explain your answer.

Part C

A person is interested in protecting a machine for 4 years using one of these two types of strips. What is your recommendation? Defend your answer.

2. De Shawn's company bought several trees to plant around a business building. Fourteen of the trees De Shawn's company bought were oak trees. The equation $m + 10 = 14$ can be used to find m , the total number of maple trees De Shawn's company bought, as related to the number of oak trees his company bought. Solve the equation for m , and show your work. Explain in words and numbers what each term in the equation represents.

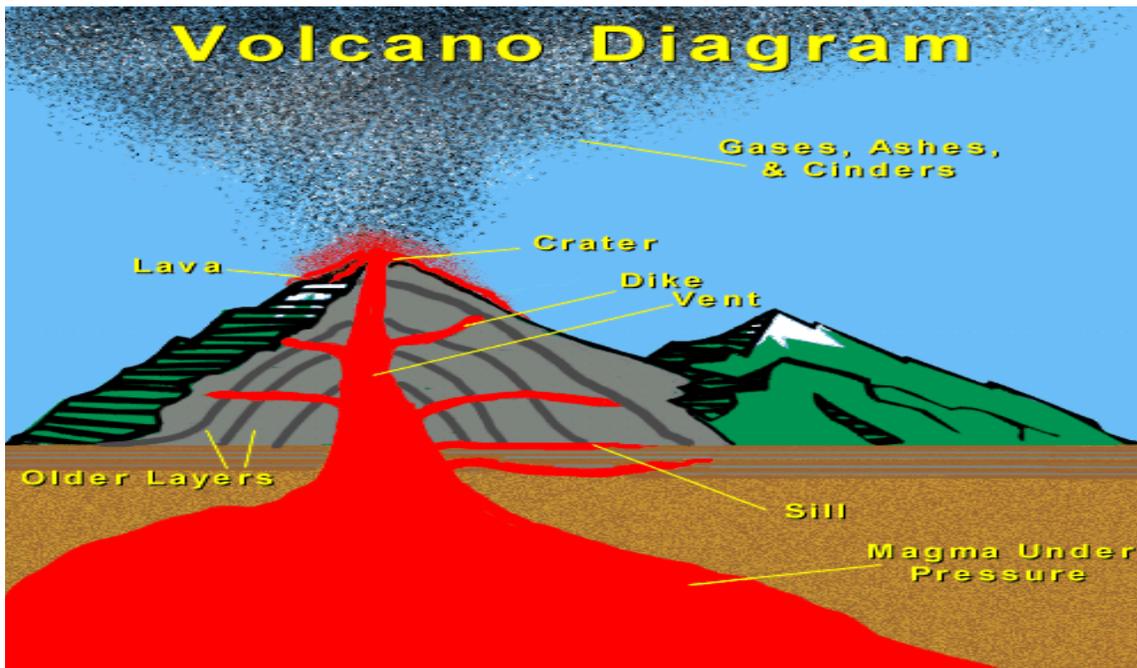
6th Grade Science

Standard:

S6E5. Students will investigate the scientific view of how the earth's surface is formed.

c. Classify rocks by their process of formation.

d. Describe processes that change rocks and the surface of the earth.



A. Magma flowing out of an erupting volcano cools and solidifies to form igneous rock. Explain how the newly formed igneous rock can be transformed into sedimentary rock.

B. Draw a diagram showing how an igneous rock could change into a metamorphic rock and how the metamorphic rock could change into a sedimentary rock.

6th Grade Social Studies

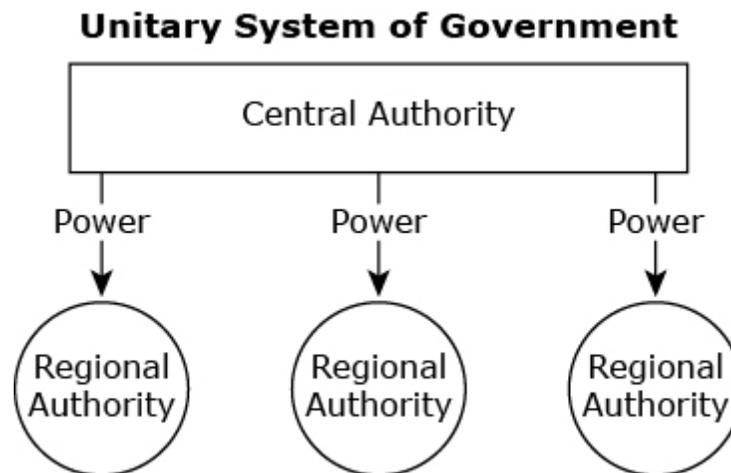
Standard

SS6CG1 The student will compare and contrast various forms of government.

a. Describe the ways government systems distribute power: unitary, confederation, and federal.

This task has more than one (1) part. Read each part carefully and respond.

Be sure to complete ALL parts of the task. Use details from the diagram AND your knowledge of social studies to support your answer. Answer with complete sentences, and use correct punctuation and grammar.



Part A

Describe how you could change this diagram to show the distribution of power in a confederation.

Part B

Explain how a federal system is a combination of a confederation and a unitary system.