



AcadeMir Charter Schools

2024 SUMMER 6th GRADE PACKET

Please complete all assignments and turn into your ELA teacher
By Friday, August 23rd

ACADEMIR CHARTER SCHOOLS



Get Ready for School! Summer Reading Activities 2024

Dear Guardian and Student,

Just like math, regular practice over the summer with reading will help your child prepare for entering the next grade. Reading can help our imaginations flourish and introduce us to new cultures, experiences, and situations that will help our children to grow. Reading together over the summer will help your child thrive in the upcoming school year. Students should read the grade specific book that has been chosen for them and be prepared to discuss their literary journey with the rest of the class when school begins. Reading is an important part of our experiences in life and the earlier we fall in love with a good book the more we will ignite our passions.

Al igual que las matemáticas, practicar la lectura durante el verano ayudará a su hijo a prepararse para ingresar al siguiente grado. La lectura también ayudarán a nuestros hijos a comunicarse con nuevas culturas, experiencias, situaciones y a desarrollar la imaginación. Leer juntos durante el verano ayudará a su hijo a prosperar en el próximo año escolar. Los estudiantes deben leer el libro que se le ha elegido para el grado que le corresponde y estar preparados para discutir su viaje literario con el resto de la clase cuando comiencen las clases. La lectura es una parte importante de nuestras experiencias en la vida y cuanto antes debemos descubrir cual es libro que nos encienda nuestras pasiones por la lectura.

Sincerely,

Darlincy Katz
Chief Academic Officer

Packets due: Friday, August 23, 2024

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ACADEMIR SUMMER READING 2023-2024

Summer provides a plethora of opportunities for students and their families to enjoy unforgettable books and create lifetime memories.

AcadeMir students entering K-8th grade are required to read from the summer reading lists developed by our Academic Team for the upcoming grade.

Creating lifelong readers is one of the greatest gifts that we can give our children. We want our students to have a fun summer break while also pursuing reading for enjoyment at the same time.

Research has shown that the single greatest factor in predicting reading success is whether a child is read to when they are young. All of our students are to read the selected book for their grade.

These assignments are for a grade and should be completed and turned in to your student's new ELA teacher by Friday, August 23rd.

Happy Reading and enjoy your summer break!!!

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2024 Summer Reading List

Grade	Summer Reading	Author	Book Synopsis	Front Cover
Kindergarten	Swimmy	Leo Lionni	Deep in the sea there lives a happy school of little fish. Their watery world is full of wonders, but there is also danger, and the little fish are afraid to come out of hiding . . . until Swimmy comes along. Swimmy shows his friends how—with ingenuity and teamwork—they can overcome any danger.	
First Grade	From Seed to Pumpkin	Wendy Pfeffer	Pumpkins can be baked in a pie, carved into jack-o'-lanterns, and roasted for a healthy snack. But how does a tiny seed turn into a big pumpkin? With clear text and detailed, colorful illustrations, this book explains what a pumpkin seed needs to help it grow!	
Second Grade	Mango, Abuela, and Me	Meg Medina	Mia's abuela has left her sunny house with parrots and palm trees to live with Mia and her parents in the city. The night she arrives, Mia tries to share her favorite book with Abuela before they go to sleep and discovers that Abuela can't read the words inside. Then Mia sees a parrot in the pet-shop window and has the perfect idea for how to help them all communicate a little better.	
Third Grade	The Boxcar Children	Gertrude Chandler Warner	The Aldens begin their adventure by making a home in a boxcar. Their goal is to stay together, and in the process, they find a grandfather.	
Fourth Grade	The Lion, the Witch and the Wardrobe	C.S. Lewis	Narnia... the land beyond the wardrobe door, a secret place frozen in eternal winter, a magical country waiting to be set free. Lucy is the first to find the secret of the wardrobe in the professor's mysterious old house. At first her brothers and sister don't believe her when she tells of her visit to the land of Narnia. wardrobe themselves.	

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2024 Summer Reading List

Grade	Summer Reading	Author	Book Synopsis	Front Cover
Fifth Grade	The City of Ember	Jeanne DuPrau	Many hundreds of years ago, the city of Ember was created by the Builders to contain everything needed for human survival. It worked...but now the storerooms are almost out of food, crops are blighted, corruption is spreading through the city and worst of all— the lights are failing. Soon Ember could be engulfed by darkness...	
Sixth Grade	Hatchet	Gary Paulsen	Brian is on his way to Canada to visit his estranged father when the pilot of his small prop plane suffers a heart attack. Brian is forced to crash-land the plane in a lake--and finds himself stranded in the remote Canadian wilderness with only his clothing and the hatchet his mother gave him as a present before his departure.	
Seventh Grade	Old Yeller	Fred Gipson	At first, Travis couldn't stand the sight of Old Yeller. The stray dog was ugly, and a thieving rascal, too. But he sure was clever, and a smart dog could be a big help on the wild Texas frontier, especially with Papa away on long cattle drive up to Abilene.	
Eighth Grade	The Swiss Family Robinson	John David Wyss	The Robinsons leave their home in Switzerland planning to settle half a world away. But things do not turn out as they had expected. The sole survivors of a terrible shipwreck, they wash ashore to learn that the danger has only begun. Their new world will test their courage, cleverness, endurance, and faith as they struggle to survive and create a civilization of their own in the wilderness.	
Ninth Grade	1984	George Orwell	The scene is London, where there has been no new housing since 1950 and where the city-wide slums are called Victory Mansions. Science has abandoned Man for the State. As every citizen knows only too well, war is peace. To Winston Smith, a young man who works in the Ministry of Truth (Minitru for short), come two people who transform this life completely.	



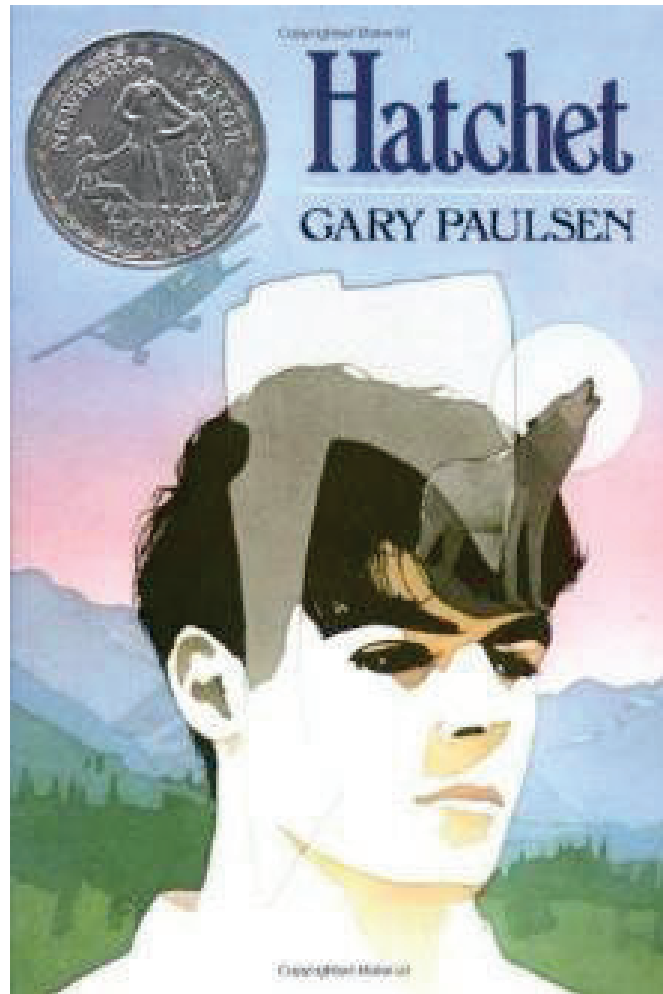
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ELA

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Sixth Grade



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WRITE A COMPLETE RESPONSE FOR THE FOLLOWING QUESTIONS

Students Name: _____

Date: _____

Title of book and authors name:

Describe the setting of the book:

State the main character's name and describe the character:

What does that character value?

What is that character's personality like?

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On a scale from 1-10 (10 being the best book you've ever read), how would you rate this book? Explain your reasoning.

List the sequence of events in the story. Circle the conflict, highlight in yellow the main idea, underline the resolution, and highlight in orange the main characters.

Summarize the story on a separate sheet of paper.



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SOCIAL STUDIES



Identifying State Capitols

Name: _____

Solve each problem.

Answers

1) North Carolina	a. Pierre	26) New Hampshire	a. Concord	1. _____	26. _____
2) New Jersey	b. Raleigh	27) Pennsylvania	b. Dover	2. _____	27. _____
3) Utah	c. Trenton	28) Massachusetts	c. Harrisburg	3. _____	28. _____
4) Georgia	d. Salt Lake City	29) Delaware	d. Boston	4. _____	29. _____
5) South Dakota	e. Atlanta	30) Montana	e. Helena	5. _____	30. _____
6) South Carolina	a. Richmond	31) Rhode Island	a. Jefferson City	6. _____	31. _____
7) Virginia	b. Columbia	32) Vermont	b. Providence	7. _____	32. _____
8) Illinois	c. Baton Rouge	33) Mississippi	c. Montpelier	8. _____	33. _____
9) Louisiana	d. Des Moines	34) Maryland	d. Jackson	9. _____	34. _____
10) Iowa	e. Springfield	35) Missouri	e. Annapolis	10. _____	35. _____
11) Texas	a. Boise	36) Connecticut	a. Hartford	11. _____	36. _____
12) New Mexico	b. Santa Fe	37) Tennessee	b. Nashville	12. _____	37. _____
13) Florida	c. Tallahassee	38) Oregon	c. Juneau	13. _____	38. _____
14) Idaho	d. Madison	39) Wyoming	d. Salem	14. _____	39. _____
15) Wisconsin	e. Austin	40) Alaska	e. Cheyenne	15. _____	40. _____
16) Nevada	a. Carson City	41) Nebraska	a. Lincoln	16. _____	41. _____
17) West Virginia	b. Charleston	42) Colorado	b. Lansing	17. _____	42. _____
18) Alabama	c. St. Paul	43) Washington	c. Olympia	18. _____	43. _____
19) California	d. Montgomery	44) Michigan	d. Phoenix	19. _____	44. _____
20) Minnesota	e. Sacramento	45) Arizona	e. Denver	20. _____	45. _____
21) Arkansas	a. Little Rock	46) North Dakota	a. Oklahoma City	21. _____	46. _____
22) Indiana	b. Indianapolis	47) Oklahoma	b. Columbus	22. _____	47. _____
23) Maine	c. Augusta	48) New York	c. Bismarck	23. _____	48. _____
24) Kentucky	d. Topeka	49) Ohio	d. Albany	24. _____	49. _____
25) Kansas	e. Frankfort	50) Hawaii	e. Honolulu	25. _____	50. _____



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SCIENCE

Earth's Energy Resources

Name _____ Class _____ Date _____

1

Which of the following is a **natural resource**?

- A crude oil
- B native copper
- C cod fish
- D all of the above



2

Plastic is a **natural resource**.

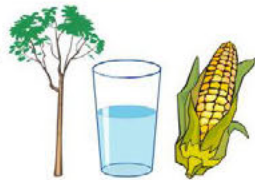
Is this a **true** or **false** statement and **why**?

- A true; because plastic is made from a natural substance, oil
- B false; because plastic is made into a natural substance, oil
- C true; because plastic is useful to humans
- D false; because plastic is the product of a natural resource, oil

3

Trees, water, and corn are examples of _____.

- A nonrenewable resources
- B renewable resources
- C fossil fuels
- D recycling



4

Native copper deposits in Michigan and **crude oil** deposits in Texas are two examples of _____.

- A nonrenewable resources
- B renewable resources
- C fossil fuels
- D recycling



5

The system of **treating, processing,** and **reusing** materials is called _____.

- A resourcing
- B consumption
- C conversion
- D recycling



6

Fossil fuels are sources of energy that form _____.

- A from the remains of ancient organisms
- B from the breakdown of mineral deposits
- C very quickly at shallow depths
- D during igneous activity deep in the crust

7

Which of the following is **not** a fossil fuel produced by the refinement of **crude oil**?

- A jet fuel
- B kerosene
- C ethanol
- D diesel fuel



8

Natural gas is a gaseous type of fossil fuel. It contains many gaseous elements, some that are flammable and some that are not.

What is the main, flammable component of natural gas?

- A kerosene
- B gasoline
- C methane
- D ethanol



9

A major solid fossil fuel is **coal**. Coal is the carbonized remains of ancient swamp plant material. There are different varieties of coal which are categorized according to how hard each is. **From softest to hardest, the varieties of coal are _____.**

- A lignite, anthracite, bituminous
- B bituminous, anthracite, lignite
- C lignite, bituminous, anthracite
- D anthracite, bituminous, lignite



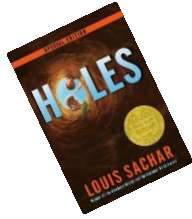
10

The chart below gives an example of the different amounts of energy (in BTU's) released by coal when it is burned. **Why does anthracite provide more energy than lignite and bituminous coal?**

Coal Type	BTU's/ton	% Carbon Content
Lignite	12 million	70
Bituminous	21 million	80
Anthracite	25 million	90

- A Anthracite contains fossils.
- B Anthracite has more compacted energy material.
- C Bituminous coal is found deeper in the crust so it is colder.
- D Lignite has lost some energy potential due to age.

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6th Grade Summer Science Activity

“Stranded on Green Lake”

Inspired by the novel “Holes” by Louis Sachar

Introduction

You have been stranded on Green Lake with Stanley Yelnats and his friends from the camp. It’s getting dark and you and your friends don’t know what you are going to do for shelter throughout the night. You tell the group that you have an idea of what you are going to do for shelter. Let’s see what you can come up with.

Suggested Materials

- Popsicle sticks
- Tape
- Paper
- Yarn
- Cardboard
- Playdough
- Glue
- Scissors
- Straws
- Cardboard
- Blow dryer (wind)
- Flashlight (sun)

Procedures (“Your Challenge”)

1. Create a shelter only using the materials you have been provided.
2. You must design a shelter that must include a door that can open and close, a base that is 4 square inches, and a maximum height of 12 inches.
3. The shelter must stay in place for 15 seconds during a wind storm (created by blow dryer set at lowest setting)
4. The shelter must also keep all sunlight out of it (use the flashlight and holed it over your shelter to make sure no light comes inside).

Additional information

1. Remember to ensure your designed shelter stays in place for the wind storm (blow dryer). Your design should have a strong base to withstand the wind.
2. Stick to the specific measurements

Your task

Once you have completed the shelter:

1. Take a picture of your shelter with a ruler next to it showing the length of sides the base
2. Identify the dimensions of your shelter (in inches) and calculate the volume. Show your work on how you calculated the volume.
3. If possible, create a video showing the wind and sunlight test on your shelter.

