

A.C.E. Academy Charter School



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Ms. Brooks and Ms. Creaven's

Rising 3rd Grade

Summer Packet

Includes:

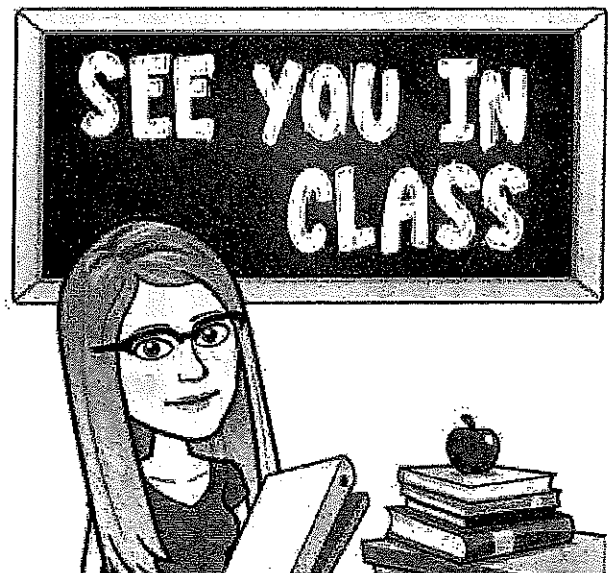
Information on the 3rd Grade Jump

Summer STEAM Projects

What Your Scholar Should Know

3rd Grade Goals

Suggested Internet Sites



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Why the Jump from Second to Third Grade is the Biggest Leap Your Child Will Make

For children, advancing to the next grade in school always brings a little nervousness and excitement – and maybe a little confusion. The jump from second to third grade, however, is about a lot more than social jitters and getting used to a new classroom. Although it has been said that odd years and transitional years (elementary to middle school, middle school to high school) are difficult, most educators believe 3rd grade is the biggest leap a child will make during his or her school years.

Academics

The jump from second to third grade will bring changes, and parents should be aware of these changes so they can support and encourage their children. Where academic performance and school expectations are concerned, big changes are on the way.

1. In K-2, students are being guided in their learning. The teacher is the instructional leader where scholars are more passive in the process. In third grade, they'll be expected to function more independently.
2. Through second grade, kids *learn to read*. Now they'll *read to learn*, so it's critical that they possess grade-level skills in this area.
3. In second grade, concepts taught were generally concrete; in third grade, students will begin to explore abstract ideas.
4. Third grade will see students engaged in more Q&As on the material they read to ensure comprehension.
5. Math in third grade will introduce word problems that challenge students to start thinking "off the paper" and use more critical thinking skills instead of just relying on memory and facts.
6. EOG Testing, which assesses students' grade-level learning, will begin for those enrolled in the third grade. Through these tests a spotlight will be shown on the areas in which students need more progress.

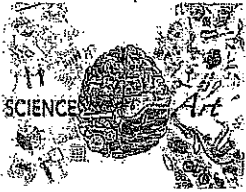
Social-

Many parents who lament, "Oh, they grow up so fast!" may be talking about their third-graders. At this age, children begin breaking from their parents and forming closer bonds with friends at school. Confidence and independence increase, and part of the mind begins turning to music, clothing, recreation and pop culture in general.

These social changes can be difficult at times and affect performance in school. Parents need to walk that fine line between full-time monitoring and giving their children the freedom to grow into the people they someday will become – remembering always that academics should never be lost in the shuffle. If you have concerns about your child transitioning from second to third grade, please contact us at e.creaven@aceacademycharter.org or t.brooks@aceacademycharter.org

2019 Rising 3rd Grade Summer Project

Art and Science – Color Your World

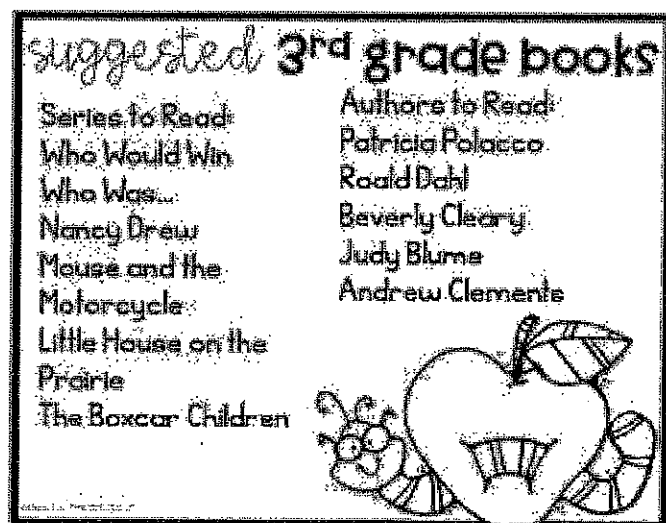
<p>Create a design for a new line of swimsuits for boys and or girls that would help them swim better.</p>	<p>Create a biography bottle about an artist.</p> <p>https://bit.ly/2Hb3sVy</p>	<p>Make a color wheel and translate the color words into Spanish</p> <p>https://bit.ly/2Jbwp5Q</p>	<p>Create a song about the different bodies of water.</p>	<p>Visit an art museum and write a list of your top 5 pieces of art.</p>
<p>Create a creature that lives in the water. Make a picture of its habitat.</p> <p>https://bit.ly/2WrGkXQ</p>	<p>Write a letter to your favorite musician. What do you want to know about them?</p> <p>https://bit.ly/307YpfG</p>	<p>Create a picture book of the different water features (lakes, streams, ocean, etc) in Spanish.</p> <p>http://bit.ly/308eUbY</p>	<p>Go to a free concert. How does the music make you feel</p>	<p>Go to a grocery store and choose a product. Create an art piece for that product (painting, sculpture, etc)</p>
<p>Build a piece of equipment you would use underwater. Take a picture of you using it.</p> <p>http://bit.ly/2JbDXpc</p>	<p>Create a math geometric art piece using shapes and colors.</p> <p>https://bit.ly/2VPCbQj</p>	<p>Free Space</p> 	<p>Build a pan flute instrument and record yourself playing it.</p> <p>https://bit.ly/2VIXtWu</p>	<p>Do an Uptown Charlotte Sculpture hunt. List 3 Sculptures you find.</p>
<p>Build a ship to explore the sea. Test your craft in water.</p> <p>https://bit.ly/2Hb0uPm</p>	<p>Make an origami friendship quilt with friends and family</p> <p>https://bit.ly/30763qX</p>	<p>Read a story about a Spanish artist and make a baseball trading card for them using biography information.</p>	<p>Research about Native American Rain Dance. Make up one of your own.</p>	<p>Go to a park and draw a picture of what you see. Why did you choose that subject?</p>
<p>Use sand art to make a sandcastle</p>	<p>Read a book from the Volume of Reading list and create a comic strip illustrating the beginning middle and end of the story.</p>	<p>Build a coral reef and label the parts in Spanish</p>	<p>Make a list of songs that talk about different bodies of water. In 3 paragraphs explain the song, why you picked it and what mood does the song has.</p>	<p>Create glow in the dark jelly fish and label the parts in Spanish.</p> <p>https://bit.ly/2vKI6rh</p>

The objective for this “Bingo” style activity is to get you thinking about exploring different water bodies through art and science to start our year. Over the summer work to get 5 in a row and be prepared within the first couple of weeks of the 2019-2020 school year to present your activities. Please be sure to bring your activities to school in an organized way (ie. 3-ring binder, prong folder). If you have any questions please feel free to contact Ms. Brooks (t.brooks@aceacademycharter.org) or Ms. Creaven (e.creaven@aceacademycharter.org).

Suggested Summer Academics – Preventing the Summer Slide

- www.readtheory.org
- This school year your scholar will be taking the BOG (Beginning of Grade) and EOG (End of Grade) tests. In order to prepare our scholars, we will be utilizing Read Theory as our daily reading homework. Please create a free account for your scholar and have them complete 15 minutes a day to ensure they are ready to excel this school year!
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- <https://play.prodigygame.com/>
- Throughout the school year we will be utilizing Prodigy for our scholars to practice important skills they have learned in class. Scholars will be on Prodigy during centers time and they should be on it for 10 minutes a day, as well as during the summer months to prevent the summer slide. Please create a free account for your scholar.
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- In an effort to be proactive, and to create a seamless home to school transition please email Ms. Brooks and Ms. Creaven both logins for Prodigy and Read Theory. All the times above are suggested times to ensure your scholar is coming into 3rd grade prepared and ready to start an exciting year of learning!
t.brooks@aceacademycharter.org ecreaven@aceacademycharter.org

Here's a quick guide to the books for your scholars to use when you visit your local library or bookstore.



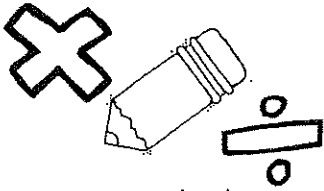
What your scholar should know at:

	The Beginning of 3 rd Grade	The End of 3 rd Grade
Reading	Reading Level L: Can read and understand books like: <ul style="list-style-type: none"> ➤ Miss Nelson Is Missing! ➤ Chrysanthemum ➤ Something Beautiful, Alexander and the Terrible, Horrible, No Good, Very Bad Day. 	Reading Level O: Can read and understand books like: <ul style="list-style-type: none"> ➤ Clementine (Clementine, #1) ➤ Lost Treasure of the Emerald Eye (Geronimo Stilton, #1) ➤ The Case of the Secret Message (Clue Jr., #1) ➤ Owl Moon (Hardcover)
	Story Elements: Characters, Setting, Major Events, Problem, Solution	Story Elements: Summary vs. Retell, Central Message, Theme, Author's Purpose, Voice
	Answer basic questions about story elements some reflection questions relating text to self and text to world	Answer reflection questions about the text including character traits, how characters' actions affect the story, text to self, and opinions about the story
	Comparing Characters Across texts	Comparing Characters over time in and across texts
	Comparing similar stories from different perspectives	Reading and comparing information in non-fiction texts on a subject
	Identify text features in a text	Use information in text features to answer questions about a text
	Read 10-15 minutes for basic understanding and identify story elements	Actively read 20 – 30 minutes with understanding to answer questions about and between texts
	Identify known and unknown words	Use context clues to determine the meaning of unknown words
	Understand sentences are a complete thought	Increase vocabulary by 500-1000 words for everyday use in reading and writing.
	Understand the different voices of the narrator	Determine point of view – their own view and the author's.
	Add and subtract with regrouping to 100	Add and subtract with regrouping to 1,000
	Understand equal groups and repeated addition/subtraction	Multiplication and Division Facts 0-9, properties of multiplication and division, use the information to solve equations with unknowns
	Math	Understand objects can be broken into equal parts.
Knowledge of names of basic 2 dimensional shapes		Knowledge of 5-8 sided 2D and 3D figures and their properties
Use standard and non standards measurements		Using standard and non standards measurements for perimeter and area.
Telling time to 5 minutes		Telling time to the minute, calculating elapsed time.
Reading line and plot graphs		Reading, developing, and using information from graphs (scaled, line and plot) to answer questions
Answer basic word problems		Answer two step word problems with an unknown factor.
Understand approximation and estimation		Round numbers to nearest 10 and 100

The Beginning of 3rd Grade		The End of 3rd Grade
Science	Understand the connection between sound and vibration	Understand that forces influence motion
	Understand that solids and liquids can change form	Understand the properties of objects before they change form
	Understand patterns of weather	Understand the transfer of energy
	Understand life cycles	Recognize the components of the moon/earth/sun system
	Basic understanding of parent/offspring traits	Understand Earth's land and water forms
		Understand how plants survive in their environment
		Understand how and why famous people have influenced historical events
Social Studies	Identify and understand how people become historical figures and their contributions to society	Learn key concepts about the history of Charlotte history, Mecklenburg and Cabarrus counties
	Compare and contrast historical narratives using pictures and interviews from different perspectives.	Examine different narratives of the same events in history
	Understand and use simple maps (school and community) including cardinal directions	Understand the earth's patterns by using the 5 themes of geography: (location, place, human environment interaction, movement and regions)
	Understand how people use resources to meet their basic needs.	Understand basic concepts of economy and entrepreneurship
	Understand how people affect their environment	
	Understand how businesses meet the needs of their community	Understand the basic functions of local government and its services to its citizens
	Understand the concept of citizenship	

My 3rd Grade Goals- Math

3.OA.3



I can use multiplication and division within 100 to solve word problems!

3.OA.4

$$56 = 8 \times ?$$

I can find the unknown number in a multiplication or division equation!

3.OA.7

by 1's by 6's
by 2's by 7's
by 3's by 8's
by 4's by 9's
by 5's by 10's

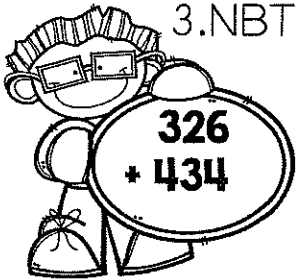
I can fluently multiply and divide!

3.NBT.1

$$84 \rightarrow 80$$

I can use place value to round numbers to the nearest 10 or 100!

3.NBT.2



I can fluently add and subtract within 1000!

3.NBT.3

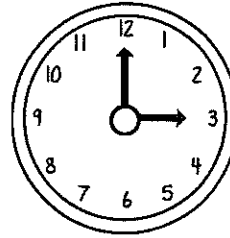
$$5 \times 60 = ?$$

$$5 \times 6 \times 10 = ?$$

$$30 \times 10 = 300$$

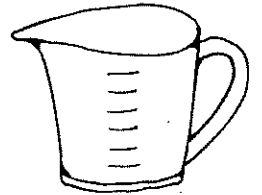
I can multiply one digit numbers by multiples of 10!

3.MD.1



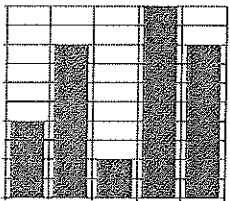
I can tell time to the minute!

3.MD.2



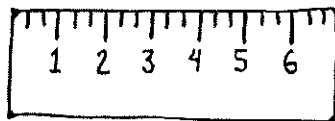
I can measure liquid volumes and masses of objects!

3.MD.3



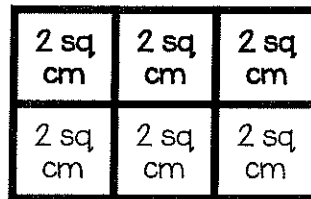
I can represent data in a graph and analyze the data!

3.MD.4



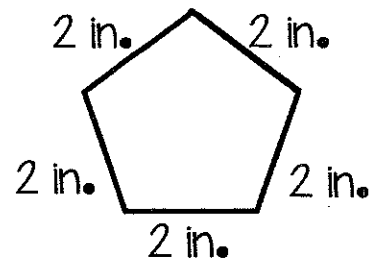
I can measure to the half and fourth of an inch!

3.MD.7



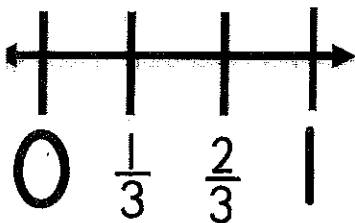
I can measure area by counting unit squares!

3.MD.8



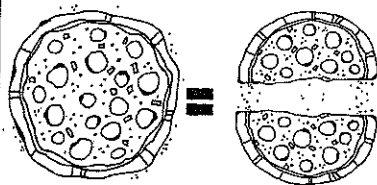
I can solve perimeter problems!

3.NF.2



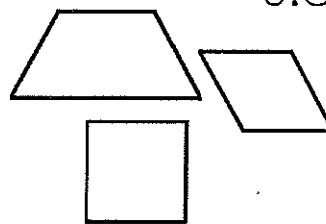
I can label fractions on a number line!

3.NF.3



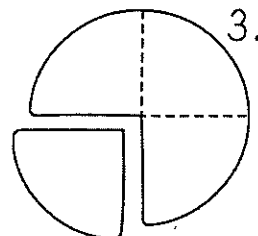
I can explain equivalent fractions!

3.G.1



I can categorize shapes based on attributes!

3.G.2



I can divide shapes into equal parts and express it as a fraction!

My 3rd Grade Goals-ELA

<p>RF.3.3a</p>  <p>unzip</p> <p>I can identify and define common suffixes and prefixes!</p>	<p>RF.3.3c</p>  <p>spi*der</p> <p>I can decode multi-syllable words!</p>	<p>RF.3.3d W.3.2e</p> <p>about</p>  <p>keep</p> <p>I can read and write all my sight words!</p>	<p>RF.3.4 RI.3.10</p>  <p>I can read with fluency and understanding!</p>
<p>RL.3.2</p>  <p>I can identify the moral of a story!</p>	<p>RL.3.3</p>  <p>I can understand how characters affect a story!</p>	<p>RL.3.1 RI.3.1</p> <p>Who? When? Where? What? Why?</p> <p>I can ask and answer questions about a text!</p>	<p>RI.3.2</p>  <p>I can identify the main idea of a nonfiction text!</p>
<p>RI.3.9</p>  <p>I can compare and contrast two nonfiction texts on the same topic!</p>	<p>L.3.1a</p>  <p>I can identify and explain nouns, pronouns, verbs, adjectives and adverbs!</p>	<p>L.3.1b L.3.1d</p> <p>mouse</p>  <p>mice</p> <p>I can form and use irregular nouns and verbs!</p>	<p>L.3.2</p> <p>Did your friend go to New York?</p>  <p>I can write using correct capitalization, punctuation and spelling!</p>
<p>W.3.1</p>  <p>The best pet is....</p>  <p>I can write an opinion piece!</p>	<p>W.3.2</p>  <p>I can write a detailed narrative!</p>	<p>W.3.3</p>  <p>How to build a birdhouse.</p> <p>I can write an informative/explanatory text!</p>	<p>W.3.7</p>  <p>All about dinosaurs....</p> <p>I can conduct a research project about a topic!</p>