

# 3<sup>rd</sup> Grade Summer Projects Packet 2020-2021



Name:

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# Welcome to 3<sup>rd</sup> Grade!

We are so excited for the upcoming school year.

We have included some projects, resources, and other information to continue students' learning throughout the summer in preparation for third grade.

Summer Projects are due to your student's homeroom teacher by Tuesday, September 8<sup>th</sup>, 2020.

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Summer Reading

Project Packet

2020-2021

Name:

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# Summer Reading Projects

Directions: For your summer Reading projects, you will be required to read two books: ONE from our Fiction List and ONE from our Non-Fiction List. After you read, you will then be required to choose three assignments from the Fiction Tic-Tac-Toe Menu and three assignments from the Non-Fiction Tic-Tac-Toe Menu. These assignments will be due to your new homeroom teacher by Tuesday, September 8<sup>th</sup>.

## 3<sup>rd</sup> Grade Fiction List

Pick one of the following that you have not yet read.

- Tales of a Fourth Grade Nothing - Judy Blume
- Superfudge - Judy Blume
- The Day the Crayons Quit - Drew Daywalt
- Magic Tree House series - Mary Pope Osborne
- Junie B. Jones series - Barbara Park
- A to Z Mysteries series - Ron Roy
- Diary of a Wimpy Kid series - Jeff Kinney
- Black Lagoon series - Mike Thaler
- Horrible Harry series - Suzy Kline
- Cam Jansen series - David A. Adler

## 3<sup>rd</sup> Grade Non-Fiction List

Pick one of the following that you have not yet read.

- Who Was/What Was series - Multiple authors
- Ruby Bridges Goes to School - Ruby Bridges
- Henry's Freedom Box - Ellen Levine
- National Geographic Kids series - Multiple authors
- Heroes of the Revolution - David A. Adler
- The Declaration of Independence from A to Z - Catherine L. Osornio
- Looking at Lincoln - Maira Kalman
- Now and Ben: The Modern Inventions of Benjamin Franklin - Gene Barretta
- We the People: The Story of Our Constitution - Lynne Cheney
- I Survived series - Lauren Tarshis

## Fiction Tic-Tac-Toe Menu

<p>Write a poem about two main events in the story.</p>	<p>Draw a picture of the main character, and then write ten words that describe the main character.</p>	<p>Compare one of the main settings of the story to the setting where you live.</p>	<p>Design a comic strip that shows the sequence of events in the story.</p>	<p>List parts of the text that appeal to each of the five senses: smell, sight, touch, taste, and hearing.</p>
<p>Pick 5 events. Write cause and effect statements for those events.</p>	<p>Make connections to the story: to your life, to another book you have read, and to the real world.</p>	<p>Pick a scene that is described in detail in the story. Draw a picture and write your own description of what is happening.</p>	<p>Write at least 4 predictions about what you think will happen after the end of the book. Why do you think these things will happen?</p>	<p>Create a graphic organizer comparing and contrasting two characters in the story.</p>
<p>Write an interview for a main character of the book. Ask at least 5 questions and their answers to the questions, as the character would respond.</p>	<p>Write a 10-question test/quiz for the book. Create an answer key.</p>	<p>Compare two settings from the story.</p>	<p>Suggest a solution to a problem from the story.</p>	<p>Choose a character and imagine you walked into his/her room. What would you find, and why?</p>
<p>Use a flow chart to explain several key events from the text.</p>	<p>Write a letter to the author of the book that describes your opinion of the book or a certain part.</p>	<p>Create a conversation between two characters from the book after it finished.</p>	<p>Create a timeline with the sequence of events in the story.</p>	<p>Make a hypothesis about what may have changed if a character were in a different setting in the book.</p>

## Non-Fiction Tic-Tac-Toe Menu

<p>Write a poem about two main events in the story.</p>	<p>How does the main idea from this selection relate to something from another subject?</p>	<p>Compare one of the main setting of the story to the setting where you live.</p>	<p>Design a comic strip that shows the sequence of events in the story.</p>	<p>What information is missing or unclear in this selection? What questions do you have for the author?</p>
<p>Pick 5 events. Write cause and effect statements for those events.</p>	<p>Make connections to the story: to your life, to another book you have read, and to the real world.</p>	<p>Pick a scene that is described in detail in the story. Draw a picture and write your own description of what is happening.</p>	<p>After reading the selection, what do you feel is the main idea the author is trying to convey? Give an example from the text.</p>	<p>Create a graphic organizer comparing and contrasting two characters in the story.</p>
<p>Write an interview for a main character of the book. Ask at least 5 questions and their answers to the questions, as they would respond.</p>	<p>Write a 10-question test/quiz for the book. Create an answer key.</p>	<p>Describe one cause and effect relationship that occurs in this selection. Use specific evidence from the text.</p>	<p>What 3 details from the text do you feel are MOST IMPORTANT in supporting the main idea? Include specific evidence from the text.</p>	<p>Describe the different points of view from the selection, including your own. Use specific examples from the text.</p>
<p>Use a flow chart to explain several key events from the text.</p>	<p>How have your opinions or feelings changed after reading the selection? Give a specific example from the text.</p>	<p>Create a conversation between two characters from the book after it finished.</p>	<p>Create a timeline with the sequence of events in the story.</p>	<p>Pick 3-4 vocabulary words that you either don't know the meaning of or are important to understanding the text. Give the definition for each and use in a sentence.</p>

# 3<sup>rd</sup> Grade Reading Information

## Mastered Standards

Before entering 3<sup>rd</sup> grade, students are expected to have mastered the following standards:

- LAFS.2.RL.1.1 - Ask and answer questions such as who, what, where, when, why, and how, to demonstrate understanding of key details in a text.
- LAFS.2.RL.1.2 - Recount stories, including fables and folktales from diverse cultures, and determine their central message, lesson, or moral.
- LAFS.2.RL.1.3 - Describe how characters in a story respond to major events and challenges.
- LAFS.2.RL.3.9 - Compare and contrast two or more versions of the same story (e.g., Cinderella stories) by different authors or from different cultures.
- LAFS.2.RI.1.2 - Identify the main topic of a multi-paragraph text as well as the focus of specific paragraphs within the text.
- LAFS.2.RI.2.6 - Identify the main purpose of a text, including what the author wants to answer, explain, or describe.

## Weekly Reading Homework Expectations

- 1 AR Test (We alternate between fiction and non-fiction weekly.)
- 2 PASSED i-Ready Reading Lessons

## Quarterly Project Expectations

- Students will be assigned Quarterly Reading Projects based on our novel studies throughout the year. Some examples of projects your student may complete are:
  - Quarter 1 - Cereal Box Book Report
  - Quarter 2 - Movie Poster Book Report
  - Quarter 3 - Novel Setting Diorama
  - Quarter 4 - Novel Study Choice Board

## Resources for Reading/Writing Practice

- Scholastic - [scholastic.com](http://scholastic.com)
- Epic! - [getepic.com](http://getepic.com)
- BrainPOP - [brainpop.com](http://brainpop.com)
- Readworks - [readworks.org](http://readworks.org)
- readwritethink - [readwritethink.org](http://readwritethink.org)
- ABCya - [abcya.com](http://abcya.com)
- i-Ready - [login.i-ready.com](http://login.i-ready.com)

Summer Math  
Project Packet  
2020-2021

Name:

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# Summer Math Projects

Directions: For your summer Math projects, please choose three activities to complete from the Tic-Tac-Toe Choice Board. You may choose three going across, down, or diagonal. These assignments will be due to your new homeroom teacher by Tuesday, September 8<sup>th</sup>.

Please note: After you complete three activities in a row, feel free to complete the other activities. There is also a list of resources for your child to use for research and to gain more Math knowledge for third grade.

## Math Tic-Tac-Toe Choice Board

<p style="text-align: center;"><b>Fact Family</b></p> <p>Draw 2 cards and use the numbers to make a multiplication fact family. Use the same numbers to make an addition/subtraction fact family.</p>	<p style="text-align: center;"><b>Base Ten</b></p> <p>Roll 2 dice and make a 3-digit number. Create and complete the chart below in your notebook or piece of notebook paper.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Standard Form</th> <th style="padding: 5px;">Expanded Form</th> <th style="padding: 5px;">Written Form</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"> </td><td> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td><td> </td></tr> </tbody> </table>	Standard Form	Expanded Form	Written Form																<p style="text-align: center;"><b>Skip Counting</b></p> <p>Record all counting in your notebook.</p> <p>Count by 3's from 0 to 60            Count by 4's from 0 to 48            Count by 5's from 0 to 100</p>
Standard Form	Expanded Form	Written Form																		
<p style="text-align: center;"><b>Least to Greatest</b></p> <p>Use place value to help you put the following numbers in order from greatest to least. 7, 77, 177, 344, 52, 712, 35, 92, 98, 410, 2, 37, 230, 320, 104, 290, 777</p>	<p style="text-align: center;"><b>Array</b></p> <p>Roll 2 dice. Use the numbers to create/draw an array. Label the rows and columns. Write the equation that solves your array.</p>	<p style="text-align: center;"><b>Mystery Riddle Number</b></p> <p>I have a 3 in the tens place. The number in the ones place is 2 more than the number in my tens place. My hundreds number is 4 more than the number in my tens place. What is my number? Create 5 more 3-digit Mystery Number Riddles. Record and solve them in your notebook.</p>																		
<p style="text-align: center;"><b>Group Collection</b></p> <p>Collect a group of rocks and sticks. Count them. How many do you have in all? Which has more? Record your answers in your notebook or a piece of paper.</p>	<p style="text-align: center;"><b>Shape Hunting</b></p> <p>Find these shapes around your house:</p> <ul style="list-style-type: none"> <li>- Circle</li> <li>- Square</li> <li>- Rectangle</li> <li>- Oval</li> <li>- Rhombus</li> <li>- Quadrilateral</li> </ul> <p>Draw the object and label the shape.</p>	<p style="text-align: center;"><b>Object Measurement</b></p> <p>Find 3 objects in your kitchen. Arrange them from shortest to longest. Measure each object using paper clips. Draw each object and record the length of the objects using paper clips.</p>																		

# 3<sup>rd</sup> Grade Math Information

## Mastered Standards

Before entering 3<sup>rd</sup> grade, students are expected to have mastered the following standards:

- 2.MD.1.1 - Measure the length of an object to the nearest inch, foot, centimeter, or meter by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.
- 2.MD.3.7 - Tell and write time from analog and digital clocks to the nearest five minutes.
- 2.NBT.1.2 - Count within 1000; skip-count by 5s, 10s, and 100s.
- 2.OA.1.1 - Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.
- 2.OA.2.2 - Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers

## Weekly Math Homework Expectations

- 2 PASSED i-Ready Math Lessons - Teacher assigned lessons before i-Ready pathway.
- Multiplication Log - This will begin after our first i-Ready Diagnostic.
- i-Ready Worksheet - This will begin with our first Math Standards Mastery.

## Quarterly Project Expectations

- Students will be assigned Quarterly Math Projects throughout the year. Students will be given Math Choice Boards similar to the one in this packet.

## Resources for Math Skills & Strategies Practice

- BrainPOP - [brainpop.com](http://brainpop.com)
- BrainPOP Jr. - [jr.brainpop.com](http://jr.brainpop.com)
- Khan Academy - [khanacademy.com](http://khanacademy.com)

# Summer Science

# Project Packet

# 2020-2021

Name:

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# Summer Science Projects

Directions: For your summer Science projects, please choose three activities to complete from the Tic-Tac-Toe Choice Board. You may choose three going across, down, or diagonal.\*

These assignments will be due to your new homeroom teacher by Tuesday, September 8<sup>th</sup>.

\*Please note: After you complete three activities in a row, feel free to complete the other activities. There is also a list of resources for your child to use for research and to gain more Science knowledge for third grade.

## Science Tic-Tac-Toe Choice Board

<p style="text-align: center;"><b>Diagram</b></p> <p>Research and create a diagram on the lifecycle of a butterfly. Be sure to draw out and label each part of the lifecycle.</p>	<p style="text-align: center;"><b>Mural Animal Habitat</b></p> <p>Choose one animal and identify the habitat. Research and create a mural of the animal and the habitat and label the mural.</p>	<p style="text-align: center;"><b>Game</b></p> <p>Research and create a game (board game or card game) on the properties of stars. Be sure the game has at least 10 questions on the different properties of stars.</p>
<p style="text-align: center;"><b>Data Collection</b></p> <p>Observe the moon each day for one month. For each observation, write the date and time and illustrate how the moon looks each day by shading in the circles. You may download the moon observation chart by clicking on the link below. Link: <a href="https://moon.nasa.gov/resources/12/moon-observation-journal/">https://moon.nasa.gov/resources/12/moon-observation-journal/</a></p>	<p style="text-align: center;"><b>PowerPoint</b></p> <p>Research design a PowerPoint showing what you know about science tools. Include illustrations, and real-world connections, such as how the tool is used. The PowerPoint must be at least 5 slides long. Be sure to plan out your presentation beforehand!</p>	<p style="text-align: center;"><b>Song</b></p> <p>Using a popular song (like Twinkle, Twinkle or Row, Row Your Boat) change the lyrics to create a song on the states of matter. Be sure to include examples of the different states of matter.</p>
<p style="text-align: center;"><b>Essay</b></p> <p>Write a one paragraph essay on a famous scientist. Please make sure the essay has a topic sentence, three detailed sentences supporting the topic sentence, and a conclusion sentence. You may draw a picture of the famous scientist to match your essay.</p>	<p style="text-align: center;"><b>Brainstorming Map</b></p> <p>Create a brainstorming map on the different states of matter. Include: adjectives, descriptions, synonyms, real world connections, important things to know, and pictures &amp; graphics.</p>	<p style="text-align: center;"><b>Quiz</b></p> <p>Research and create a quiz on different plant parts and functions. Please include at least 10 questions. Include scenarios, real world examples, key vocabulary words, pictures and graphics, and critical thinking, such as multiple perspectives. Include an answer key.</p>

# 3<sup>rd</sup> Grade Science Information

## Mastered Standards

Before entering 3<sup>rd</sup> grade, students are expected to have mastered the following standards:

- SC.2.L.16.1 - Observe and describe major stages in the life cycles of plants and animals, including beans and butterflies. Examples for other life cycles: peanuts, frogs, mealworms.
- SC.2.L.17.2 - Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs.
- SC.2.E.6.1 - Recognize that Earth is made up of rocks. Rocks come in many sizes and shapes.
- SC.2.P. 8.1 - Observe and measure objects in terms of their properties, including size, shape, color, temperature, weight, texture, sinking or floating in water, and attraction and repulsion of magnets.
- SC.2.P.8.4 - Observe and describe water in its solid, liquid, and gaseous states.

## Weekly Science Homework Expectations

- Study Island Assignments

## Quarterly Project Expectations

- Students will be assigned Quarterly Science Projects throughout the year. Some examples of projects your student might complete are:
  - Quarter 1 - Matter Choice Board
  - Quarter 2 - Animal Habitat Project
  - Quarter 3 - Solar System Book
  - Quarter 4 - Science Fair Project

## Resources for Researching, Engineering, and Experimenting

- Science Buddies <https://www.sciencebuddies.org/>
- Space <https://www.space.com/>
- NASA <https://science.nasa.gov/>
- National Geographic <https://kids.nationalgeographic.com/>
- BrainPop Jr. <https://jr.brainpop.com/>
- BrainPop <https://www.brainpop.com/>
- Time for Kids <https://time.com/tfk-free/>
- Famous Scientists <https://www.famousscientists.org/>
- NASA Kids Club <https://www.nasa.gov/kidsclub/index.html>
- Discovery <https://www.discoverymindblown.com/>
- Chem4kids <https://chem4kids.com>
- Science Kids <https://www.sciencekids.co.nz/>