



INTERMEDIATE SUMMER HOMEWORK 2019 Environments

Dear Intermediates,

We hope you have a great summer full of activity, creativity, and adventures. When we return in the fall we plan to investigate environments both near and far. We will study the plants and landscape of Arbor's campus, learn about Oregon habitats on numerous field trips, and end the year with investigations of world biomes and oceans. Our overnight trip to the coast will be a highlight of the spring.

You can expect a postcard from an Intermediate teacher at the beginning of August. In the meantime, please be sure to read regularly and practice math so as not to lose ground with your skills. We have also designed an August reading project to help you transition from summer back to school, creating artwork that you will share with your classmates and proudly hang on our classroom walls.

Math: (A few hours each month, July and August)

Please practice your math skills from time to time, so you don't get rusty over the summer. You have two options for doing this:

The first option is the attached set of PDF practice sheets. The fourth-grade pages offer practice with subtraction, double-digit multiplication, fraction simplification, and addition of basic fractions. The fifth-grade pages offer practice with subtraction, multi-digit multiplication, fraction simplification, and addition and subtraction of mixed numbers. Basic math facts practice sheets for multiplication and division are included as well. You may use whichever of these seem helpful and appropriate. If you choose this option, please bring all of the math practice sheets you have completed over the summer with you on the first day of school.

The second option is to log into khanacademy.org, register yourself, and use Khan Academy's online practice options to keep your skills sharp. There are also video tutorials and other helpful resources on that site that you can use. If you choose Khan Academy, please spend your time on the Addition and Subtraction, Multiplication and Division, and Fractions practice sections which you will find by looking under all subjects, finding 'Math by grade,' and clicking on either '4th' or '5th.' Also, be sure to make Marc your 'coach' as soon as you have a profile registered. Here are the instructions for how to do this:

Create an account, as prompted by khanacademy.org.

Click on your name in the upper right hand corner of the screen.

Click 'Profile.'

When viewing your profile, there are a set of options you can click to view in the center of the screen near the top, starting with 'Home.' 'Coaches' should be the rightmost option. Click 'Coaches.'

In the field for 'Add a coach,' enter 'marc@arborschool.org.' Then click the button that says 'Join the class.'

You should also add a parent's email address in the field for 'Add your parent.' Then click the button that says 'Add your parent.'

Reading: (5 or more days per week)

Please read at least two to four books from the summer reading list. Choose books that you have not read before.

In addition, as your final book of the summer, please read **one** of the following in August (pick a book that you have not yet read):

The Evolution of Calpurnia Tate by Jacqueline Kelly
The True Blue Scouts of Sugarman Swamp by Kathi Appelt
My Side of the Mountain by J. C. George
The Yearling by M.K. Rawlings
The Voyage of the Frog by Gary Paulsen

Use the attached reading log to write a list of all the titles and authors of the books you have read over the summer. Use your best handwriting and spell carefully. Bring this list in on the first day of school.

Reading Project: A Story Map (A few work sessions in August)

The purpose of this activity is to create a visual "map" of the book you chose to read from the list above.

The map you make will include visual images from the story and your personal reactions to the story. This map is not like the maps in an atlas; rather, it is a creative project where you can "map" your thoughts and images from the book you've read.

You will need a large (about 18x24in) piece of poster paper, a pencil, and some art supplies of your choice--such as watercolors, oil-pastels, colored pencils, fabric, decorative paper, or natural objects. The very first step is to look over the prompts below and think about how you would like to arrange your responses on the map. You may want to include your responses inside the shape of something important from the book, surrounding a drawing of someone from the story, scattered around a map of the physical location of the book, or in any other way you devise. Your layout for the responses is up to you and can be as creative as you'd like.

Once you have designed your layout, you can begin responding to the prompts, creating a first draft of your writing before you enter it onto your map. Be sure to use correct spelling, full sentences, and your best handwriting for your final draft on the map.

- a) Begin 5 sentences with “I wonder ...” For example, “I wonder why (the main character) chose to...” Or it could be more personal. “I wonder if I would have done what (character’s name) did when...”
- b) Find 3 vivid, descriptive sentences from the book that you feel capture a sense of place. Copy these sentences carefully onto your map, weaving them in creatively.

Be sure to include your name, the book title, and the author clearly on your story map, and bring it with you on the first day of school.

We can’t wait to see you in September,

The Intermediate Team

