2nd Grade Math Activities: Week of June 1 - 5 AQUARIUMS

Each section in this weekly schedule has a direct link to the page in the document for the day. To access Number Talk, click on the word "Number Talk" To access the main activity, click on the picture of the activity.

CLICK HERE FOR THIS WEEK'S OVERVIEW

<u>Monday</u> June 1, 2020	<u>Tuesday</u> June 2, 2020	<u>Wednesday</u> June 3, 2020	<u>Thursday</u> June 4, 2020	<u>Friday</u> June 5, 2020
Number Talk: Which One Doesn't Belong?	<u>Number Talk:</u> Today's Number	<u>Number Talk:</u> How Many?	<u>Number Talk:</u> Who is Correct?	<u>Number Talk:</u> What Comes Next?
<section-header></section-header>	<section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header>	<section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header>	<section-header></section-header>	<section-header><section-header></section-header></section-header>

Monday Number Talk

Look at the picture below. Which one doesn't belong? Explain why you think that.



<u>Challenge</u>: Try thinking of a reason why each one might not belong with the others.



Monday Math Activity: Measuring



- 2. If a six-month-old (juvenile) GP Octopus is half the length as an adult, how long would it be?
- 3. Insert in the correct sign for the statement below: <, > or =

The width of your bedroom The adult Giant Pacific Octopus

4. The Giant Pacific Octopus has been Known to eat spiny dogfish shark, among other fish and crustaceans. Spiny dogfish can get up to 5 feet long. Finish the sentence below:

spiny dogfish end-to-end equal the length of 1 Giant Pacific Octopus.





<u>Tuesday Number Talk</u> Which ways show today's number?

401 - 60



2 hundreds + 13 tens + 1 one







Tuesday Math Activity: Shark Table

Sharks are a very important part of our ecosystem and aquariums, even though they have a bad reputation from movies. <u>Directions:</u> look at the chart below about sharks that have been found in our very own Puget Sound, and how deep they cans swim! Complete the activity to the right.

Sharks Found in the Puget Sound	Maximum Length	Depth Range (how deep it can swim)
Basking Shark	45 ft.	surface - 656 ft.
Bluntnose Sixgill Shark	16 ft.	surface - 8,200 ft.
Blue Shark	12 ½ ft.	surface - 2,000 ft.
Broadnose Sevengill Shark	9 ft.	surface - 446 ft.
Brown Shark	2 ft.	108 ft 4,258 ft.
Common Thresher Shark	18 ft.	surface - 1,200 ft.
Pacific Angel Shark	5 ft.	surface - 600 ft.
Pacific Sleeper Shark	14 ft.	656 –ft. 6,480 ft.
Salmon Shark	10 ft.	surface - 2,192 ft.
Spiny Dogfish	5 ft.	surface - 4,055 ft.



- 2. Which shark swims the shallowest (least deep)?
- 3. What is the difference between the sharks that swims the deepest and the shallowest? Explain.
- 4. What is the difference between the longest shark found in the Puget Sound, and the shortest? Explain.
- 5. Put these sharks in order from shortest to longest length.

<u>Challenge</u>: Put the sharks in order by the depth they can go. Compare it to #5 above. What do you notice?



iharks that have been round in Puget Sound

Wednesday Number Talk: <u>How Many?</u> CLICK HERE FOR INSTRUCTIONS



Need help getting started?

- What do you see that you can count?
- Can you count in different ways?
- Does the placement of the objects give you ideas?
- What groups do you notice?
- What equations could you write to describe how many



Wednesday Math Activity: Aquarium Word Problems

Someone who studies Marine Animals is called an aquarist. An aquarist often weights and feeds aquarium animals, which include shore birds that live and depend on sea life. These (adapted) word problems and pictures are from an aquarist at the Newport Aquarium in Oregon. CLICK HERE FOR INSTRUCTIONS

 A brown pelican can hold 3 times as many fish in its mouth pouch than its belly can hold. (If the pelican has 3 fish in its mouth, that means its stomach can hold 1 fish, for example.) How many fish could it hold in its mouth pouch if it had 3 fish in its stomach? Show how you know.



2. The aquarist had a tank with 45 sea anemones, and another tank with 39 sea urchins. If she moved 23 anemones and 16 urchins to another tank to live together, how many would there be living together?

How many anemones and urchins would there be left in their original tanks?

3. Students went on a field trip to the Seattle Aquarium. At the harbor seal tank, six students pressed their hands up against the tank to get a closer look. How many fingerprints did the aquarist have to clean off the glass that night?



4. The aquarists were weighing fish to feed the puffins the correct amount. The scale had 148 fish and weighed almost 5 pounds. She put in another 3 pounds, which was 84 more fish. How many total fish were there on the scale?





Thursday Number Talk:

Sea turtle: 110 eggs Sockeye salmon: 600 eggs

Students wanted to find out how many more eggs the salmon laid than the sea turtle.



Two students used a number line. Betty answered 490, but Mary's answer was 510. Who is correct, Betty or Mary? Why?



Thursday Math Activity: Place Value Addition & Subtraction



978 400 + 60 + 9
324 three hundreds + two tens + four ones
651 one hundred thirty-six



Friday Number Talk: What Comes Next?

Look at the picture below. What do you notice?



What comes next? Show or tell what the next five numbers would be. Describe how you know what would come next.

Make a similar pattern for a parent at home to figure out.

Challenge:

What will the 11th number be? Will it be pink or blue? How do you know?

What will the 14th number be? Will it be pink or blue? How do you know?

Friday Math Activity: Fact Fluency Online Games

This week's math game focuses on strategy and problem solving, which are essential skills for mathematics. While you are playing "Aqua Thief," see how well you can add together the numbers in the bubbles you "steal." In "Number Patterns" you can look for patterns to get you ready for multiplication!







How to access Dreambox and MyOn **outside** of school

MATH



Here are three easy tips to make sure your student gets the most out of DreamBox Learning.

TIME ON DREAMBOX LEARNING

For DreamBox to accurately track a student's learning path, they should spend at least 60-90 minutes and complete at least 5-8 lessons per week. They do not need to complete this in a single session, but a minimum of 20 minutes per session helps ensure your child has sufficient time to finish a lesson.

COMPLETE EVERY LESSON ONCE BEGUN

Lessons must be completed once started in order for our Intelligent Adaptive Learning[™] technology to accurately introduce next best lessons for your student. If your student closes or exits the browser without completing a lesson, DreamBox cannot collect their learning data. The student will then need to redo the lesson from the beginning.

MISTAKES ARE OK

Your child should not shy away from incorrect answers. These wrong answers actually help DreamBox find the best lesson for them to help reinforce concepts they are struggling with and build upon their strengths.



RSD LOGIN PORTAL

Three Reads Protocol:

1.	Cover up the numbers and the question in the story. Then read the story to understand what it's all about. Example: There were carrots and green beans in the basket
2.	Uncover the numbers only and reread the story. Make up your own question to ask using the values. Example: There were 24 carrots and 13 green beans in the basket . My question: <u>How many more carrots are there than green beans?</u>
3.	Uncover the story problem question and read again. Solve the problem. Was your question similar? Different? Solve the problem using your question, too! There were 24 carrots and 13 green beans in the basket . How many vegetables were there in all?

Addition Strategies Explained

Click on the strategy images below to review how to use the strategy.



Click to Go Back

Subtraction Strategies Explained

Click on the strategy images below to review how to use the strategy.

Using Place Value Pieces (Base Ten Pieces)

