



CHILDREN'S  
MUSEUM  
OF VIRGINIA  
PORTSMOUTH

## Scavenger hunts are a fun addition to a visit!

Use them to experience the museum in different ways. The name of the exhibit and the location where the information can be found are listed. Investigate the exhibits, read the questions and determine your answers.

Teachers—after your visit, have your students share responses and understand how others experience the museum. Try making a graph to display your responses.

Let's play!

### 1<sup>st</sup> floor, "Bubble Room"

Explore each bubble station— put yourself inside a bubble, try the different bubble wands, and make a bubble stretch. Consider the bubble solution. It's made by adding liquid soap to water. Do you think the soap dissolves in the water? Can you see a separation of soap and water when you are making the bubbles at the different stations? What do you see? (*SOL 3.3 a*)

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### 2<sup>nd</sup> floor, "Dr. Forces Traveling Energy Extravaganza: Marvelous Machines"

Find the group of 3 seats with pulley systems. Make an observation about each one before being seated and grabbing the rope.

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Try each seat—sit and pull on the rope. Notice the direction of the pull and the direction of the seat. Which of the seats makes the work of lifting yourself seem easier? Which would you use to lift the elephant next to you? (*SOL 3.2 c*)

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Find the “Fantastic Motion Machine” and look for as many simple machines as you can. Are all 6 of them there? How are each of them being used? (SOL 3.2 d)

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**2<sup>nd</sup> floor, “My Backyard: Life in a Pond”**

Many plants and animals exist together in this habitat, along with portions that are not alive. Identify some examples of living and non-living parts of this eco-system. (SOL 3.5 a)

Living \_\_\_\_\_

Nonliving \_\_\_\_\_

Challenge Question: Looking at this ecosystem, name an example of a: **Producer** \_\_\_\_\_

**Consumer** \_\_\_\_\_ **Decomposer** \_\_\_\_\_

**2<sup>nd</sup> floor, “My Backyard: Food Chain” (SOL 3.5 b)**

Start on the left side and using the handles, turn the block and stop on any picture. This is the beginning of your food chain- what is it? \_\_\_\_\_

On the remaining 3 blocks, turn the handle and find the next links in your food chain. What are they?

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Imagine the first piece of your food chain goes missing. Does it affect your food chain? If so, how?

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**2<sup>nd</sup> floor, “My Backyard: Water Cycle” (SOL 3. 7 a, b)**

Look at the mural on the wall and listen to the weather sounds. What do you notice about how the water moves and changes? Share what happens when water moves from the ground to the sky and the sky to the ground.

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What is the one thing that affects how the water changes? \_\_\_\_\_