

MARYLAND SCIENCE CENTER'S

Level Challenge

How many levels in the Maryland Science Center can You conquer?!? An in-museum family activity, highlighting a few features in our permanent exhibit galleries - grab a map & a pencil and go! When you finish, check your answers on the back of this sheet.

LEVEL ONE

DINOSAUR MYSTERIES:

Can you find and identify the state dinosaur of Maryland? _____

How long ago did he live? _____

What period did he live in? _____

TERRALINK:

Find Baltimore on the Lansat image on the wall.

What other major cities can you find? _____

Check out the core sample and observe how the sediment looked before the Chesapeake Bay area was settled.

What changes can you observe? _____

NEWTON'S ALLEY:

See if you can make a magnet float in the air.

Locate the Bubble Tubes.

Which bubbles move the slowest? _____

Why do some bubbles move faster than others in the liquid? _____

LEVEL TWO

YOUR BODY: THE INSIDE STORY:

Test your sense of smell.

What sweet treat can you smell? _____

How does your digestive system work? _____

Practice using the muscle model to squeeze "food" from one end to the other.

TURN OVER FOR MORE CHALLENGES



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LEVEL TWO (CONTINUED)

BODYLINK:

Test your nutrition IQ and see if you can learn something new about the food you eat.

SPACELINK:

What spacecraft should arrive at Pluto in 2015? _____

Where did the tire come from? _____

OUR PLACE IN SPACE:

Find the model of the solar system.

How far is the Earth from the Sun? _____

How far is the Jupiter from the Sun? _____

CELLS: THE UNIVERSE INSIDE US:

How many different kinds of cells do stem cells produce? _____

LEVEL THREE

FOLLOW THE BLUE CRAB:

How many diamondback terrapins can you find? _____

How do you tell male and female blue crabs apart? _____

KIDS ROOM:

What famous athlete's picture is in the Kids Room? _____

How many stars are on the flag in the Kids Room? _____

Why are there only that many stars on the flag? _____

Answer Key

LEVEL ONE
Dinosaur Mysteries: 1. Astrodon Johnstoni 2. 115 million years ago 3. Cretaceous
Terralink: 1. In Maryland: Annapolis 2. Color & Amount of Sediment
Newton's Alley: 1. The tube on the right 2. Viscosity

LEVEL TWO
Your Body: The Inside Story: 1. Chocolate, Licorice & Cinnamon 2. Peristalsis
Bodylink: 1. IQ: _____
Spacelink: 1. New Horizons 2. Columbia
Our Place in Space: 1. 93 Million Miles 2. 484 Million Miles
Cells: The Universe Inside Us: A: Over 200

LEVEL THREE
Follow The Blue Crab: 1. 3 2. Temple vs. apron (shape on bottom) & color of pinchers
Kids Room: 1. Cal Ripken, Jr. 2. 15 3. The Star Spangled Banner Flag had 15 stars during the War of 1812.