ACTIVE SCIENCE EXAMPLE INTERFACE
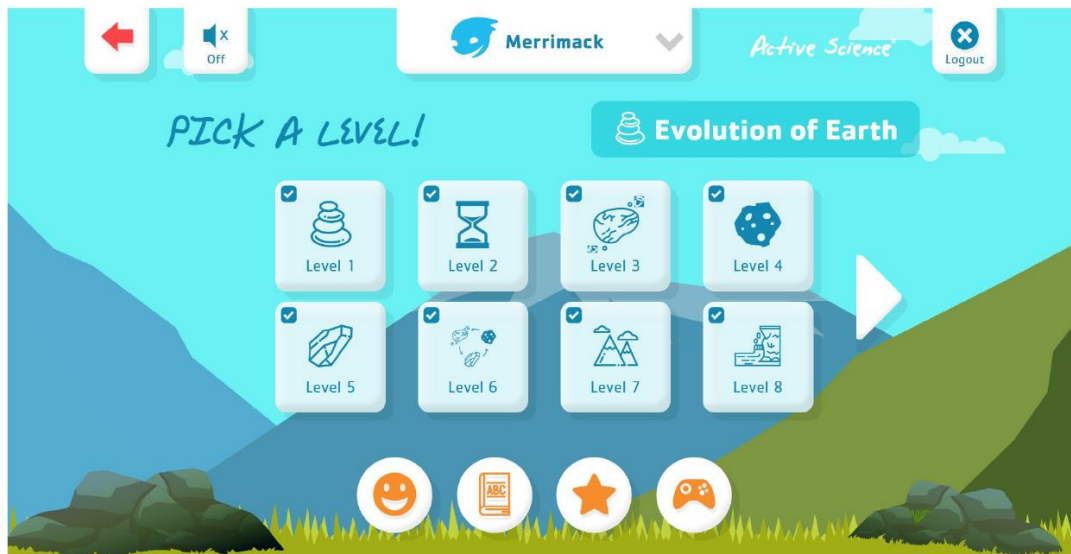
EXAMPLE CURRICULUM MODULE PRE-ASSESSMENT

Get Buddy to the Finish Line!

1 2 4 5 6 7 8 9 10 11
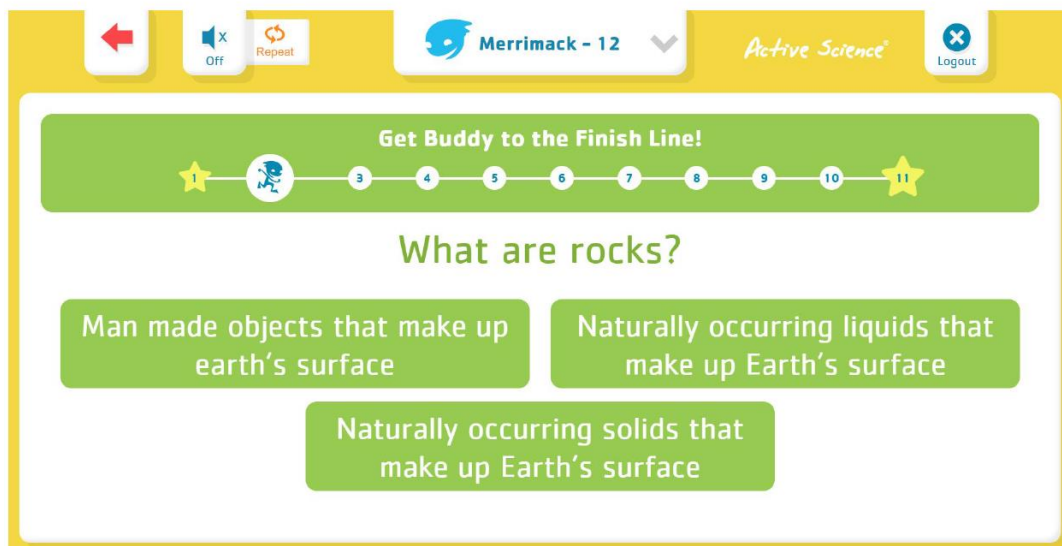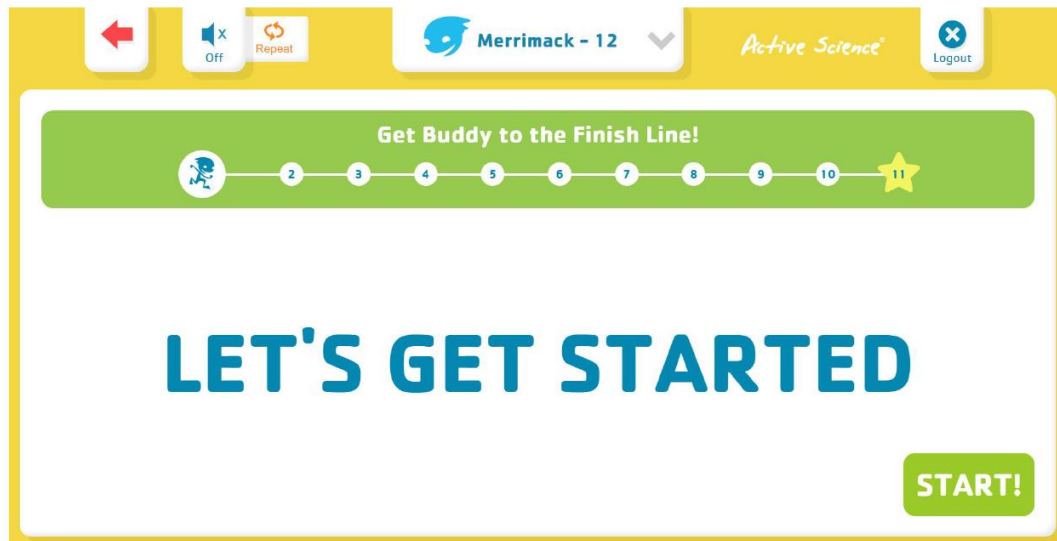
Why are rocks important?

Scientists can learn the age of rocks

Scientists can learn about Earth's past from rocks

All of the above

Get Buddy to the Finish Line!

1 2 3 5 6 7 8 9 10 11

_____ is a type of rock that is formed when layers of sand, mud and pebbles are pressed together over time.

Igneous

Metamorphic

Sedimentary

Get Buddy to the Finish Line!

1 2 3 4 6 7 8 9 10 11

_____ is a type of rock that is formed when magma cools into solid form.

Igenous

Metamorphic

Sedimentary

Get Buddy to the Finish Line!

1 2 3 4 5 🏃 7 8 9 10 11

_____ is a type of rock that is formed when pressure and heat transform an existing rock into a new one.

Igenous

Metamorphic

Sedimentary

Get Buddy to the Finish Line!

1 2 3 4 5 6 🏃 8 9 10 11
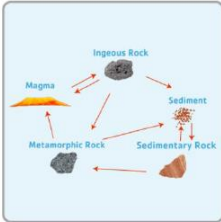
What is this image showing?

Water cycle

Rock cycle

Weather cycle

Get Buddy to the Finish Line!

1 2 3 4 5 6 7 🏃 9 10 11

_____ are natural features of Earth's surface.

Planets

Landforms

Towns

Get Buddy to the Finish Line!

1 2 3 4 5 6 7 8 [9] 10 11

What is this image an example of?

Weathering

Erosion

Decomposition

Get Buddy to the Finish Line!

1 2 3 4 5 6 7 8 9 [10] 11

_____ is the movement of sediment (pieces of rock) from one place to another by wind, water or gravity.

Weathering

Erosion

Decomposition

Get Buddy to the Finish Line!

1 2 3 4 5 6 7 8 9 10 [11]

What effect does weathering and erosion have on landforms?

Weathering and erosion can transform landforms into different ones

Weathering and erosion can make landforms grow

Weathering and Erosion do not affect landforms

Get Buddy to the Finish Line!

1 2 3 4 5 6 7 8 9 10 11

You did it!

1000 Points

⊗ FINISH

ACTIVE SCIENCE EXAMPLE LESSON

Goal

The goal of today's level is to learn about **ROCKS**.

NEXT →

Level 1

ROCKS

ROCKS are naturally occurring solids that make up the surface of the Earth.

NEXT →

Level 1

Make a hypothesis about which picture shows exposed ROCK.

Level 1

Your hypothesis was VALLEY. Based on the image above:

Was your Hypothesis correct?

YES ➡ NO ➡

Level 1

_____ are naturally occurring solids that make up Earth's surface.

WATER ROCKS

DIRT GRASS

Level 1

Rocked It

EVOLUTION OF EARTH
LEVEL 1

Great Job!

Evolution of Earth
Level 1 – Complete

⊗ FINISH

Level 1