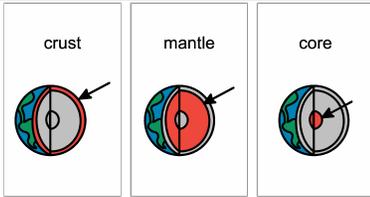


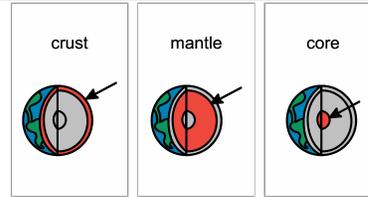
Science Task 1: Composition of Earth

Materials and Setup

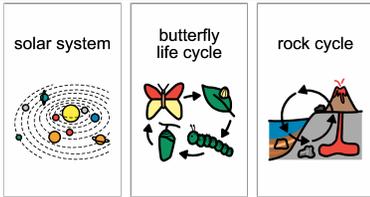
Item 1



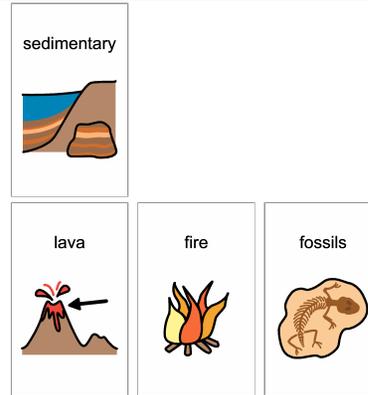
Item 2



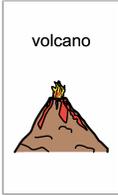
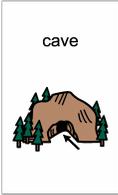
Item 3



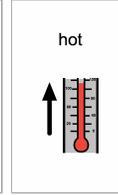
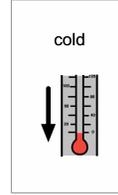
Item 4



Item 5



Item 6



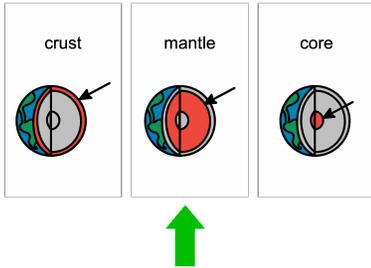
Access Limitations

N/A (Not Applicable) (Item 1, 2, 3, 4, 5, 6)

Science Task 1:

Composition of Earth: Item 1

Setup



Script

Say: ***We're going to talk about the composition of Earth. Earth has three layers. Tell (show) me, which is the middle layer: the crust (indicate the crust card), the mantle (indicate the mantle card), or the core (indicate the core card)?***

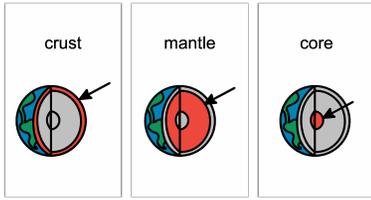
TRY 1		
	Record 2	Next Item
	Remove Incorrect Student Response	TRY 2
	Remove 	TRY 2

TRY 2 <i>Tell (show) me, which is the middle layer: (indicate each remaining option)?</i>		
	Record 1	Next Item
	Record 0	Next Item
	Record NR	Next Item

Science Task 1:

Composition of Earth: Item 2

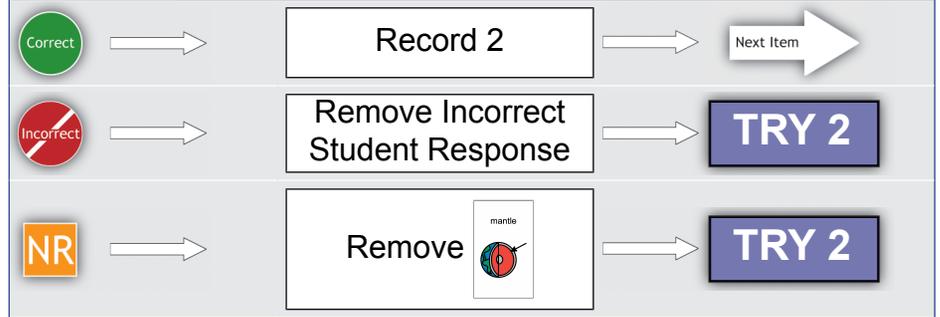
Setup



Script

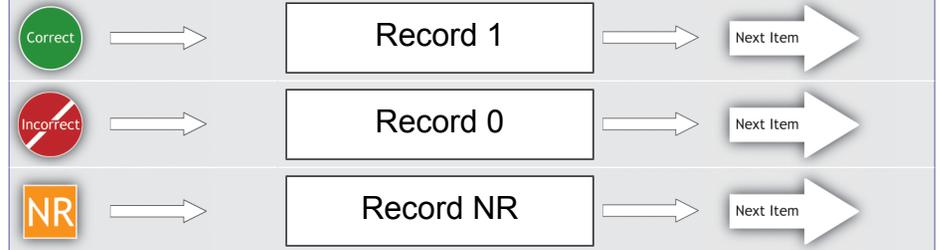
Say: ***Tell (show) me, which is the layer we live on: the crust*** (indicate the crust card), ***the mantle*** (indicate the mantle card), ***or the core*** (indicate the core card)?

TRY 1



TRY 2

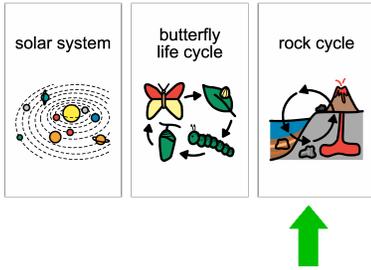
Tell (show) me, which is the layer we live on:
(indicate each remaining option)?



Science Task 1:

Composition of Earth: Item 3

Setup



Script

Say: ***Tell (show) me, which cycle explains how the structure of Earth's crust changes: the solar system*** (indicate the solar system card), ***the butterfly life cycle*** (indicate the butterfly life cycle card), ***or the rock cycle*** (indicate the rock cycle card)?

TRY 1

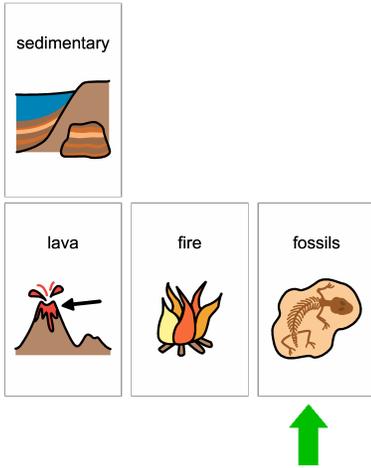
Correct	→	Record 2	→	Next Item
Incorrect	→	Remove Incorrect Student Response	→	TRY 2
NR	→	Remove 	→	TRY 2

TRY 2 *Tell (show) me, which cycle explains how the structure of Earth's crust changes: (indicate each remaining option)?*

Correct	→	Record 1	→	Next Item
Incorrect	→	Record 0	→	Next Item
NR	→	Record NR	→	Next Item

Composition of Earth: Item 4

Setup



Script

Say: **Here is sedimentary rock** (indicate the sedimentary rock card). **Tell (show) me, what can be found in sedimentary rock: lava** (indicate the lava card), **fire** (indicate the fire card), **or fossils** (indicate the fossils card)?

TRY 1

Correct	→	Record 2	→	Next Item
Incorrect	→	Remove Incorrect Student Response	→	TRY 2
NR	→	Remove 	→	TRY 2

TRY 2 *Tell (show) me, what can be found in sedimentary rock:* (indicate each remaining option)?

Correct	→	Record 1	→	Next Item
Incorrect	→	Record 0	→	Next Item
NR	→	Record NR	→	Next Item

Science Task 1:

Composition of Earth: Item 5

Setup

The setup consists of four cards. The top-left card shows a photograph of lava. Below it are three cards: 'cave' with an illustration of a cave entrance, 'volcano' with an illustration of an erupting volcano, and 'river' with an illustration of a river. A green arrow points upwards from the 'volcano' card.

Script

Say: **Here is a picture of lava** (indicate the lava card). **Tell (show) me, which structure does lava come out of: caves** (indicate the cave card), **volcanoes** (indicate the volcano card), **or rivers** (indicate the river card)?

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove	→	TRY 2

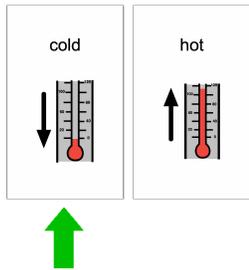
TRY 2 *Tell (show) me, which structure does lava come out of: (indicate each remaining option)?*

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record NR	→	Next Item

Science Task 1:

Composition of Earth: Item 6

Setup



Script

Say: ***Lava hardens into igneous rock. Tell (show) me, how does lava become igneous rock: it cools down*** (indicate the cold card), ***or it heats up*** (indicate the hot card)?

At the completion of the task say: ***We're finished talking about the composition of Earth.***

TRY 1

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record NR	→	Next Item