

Science Task 1: Electrical Circuits

Materials and Setup

Item 1

book

socket

trash can





Item 2

computer

pencil

magnifying glass





Item 3

envelope

stick

paper clip





Item 4

cloth

wire

paper





Item 5

food

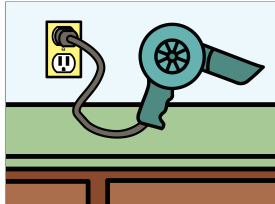
exercise

battery





Item 6



comb

heat

metal





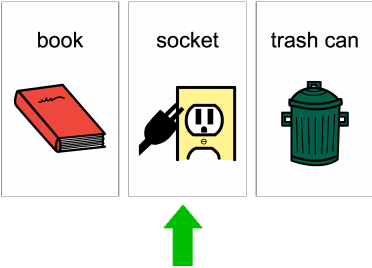
Access Limitations

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

Science Task 1:

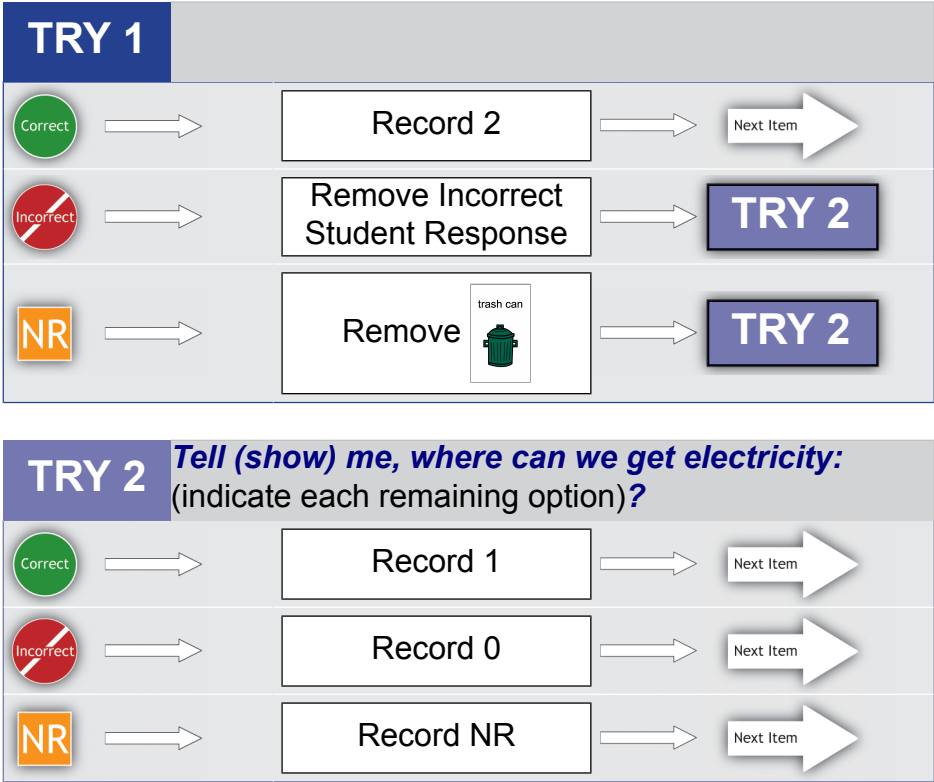
Electrical Circuits: Item 1

Setup



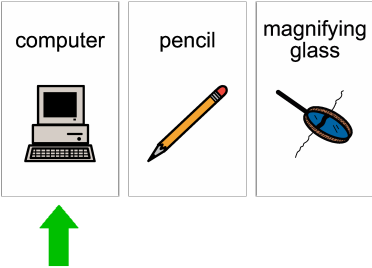
Script

Say: *We're going to talk about electricity. Tell (show) me, where can we get electricity: the book* (indicate the book card), *the socket* (indicate the socket card), *or the trash can* (indicate the trash can card)?



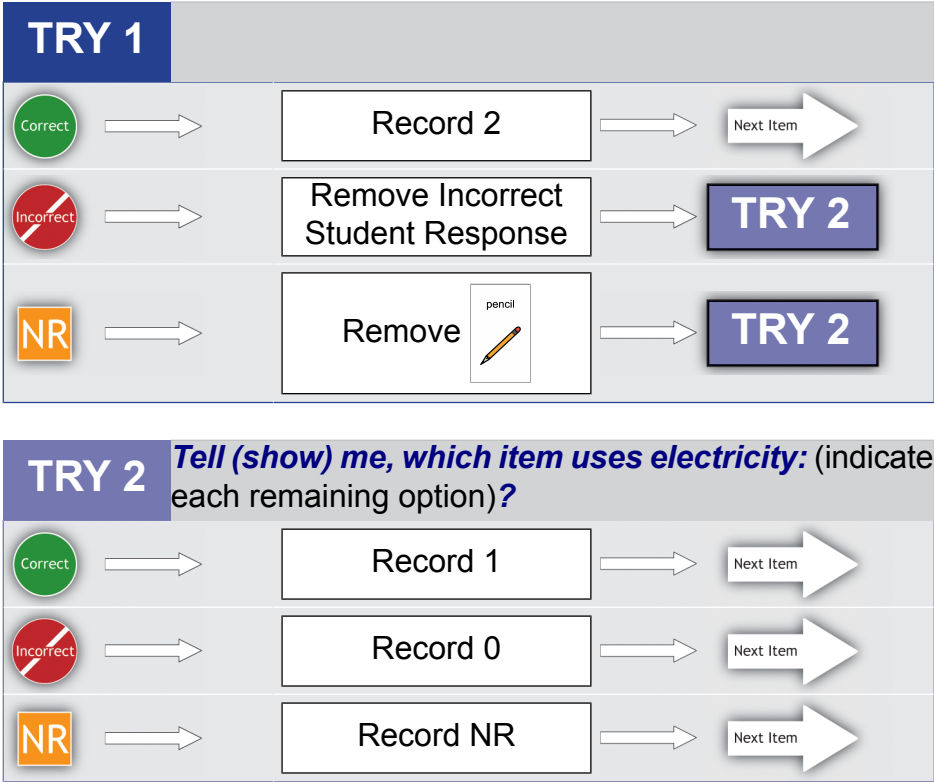
Electrical Circuits: Item 2

Setup



Script

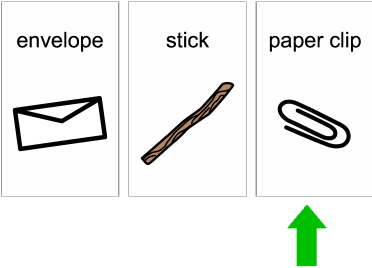
Say: ***Tell (show) me, which item uses electricity: a computer (indicate the computer card), a pencil (indicate the pencil card), or a magnifying glass (indicate the magnifying glass card)?***



Science Task 1:

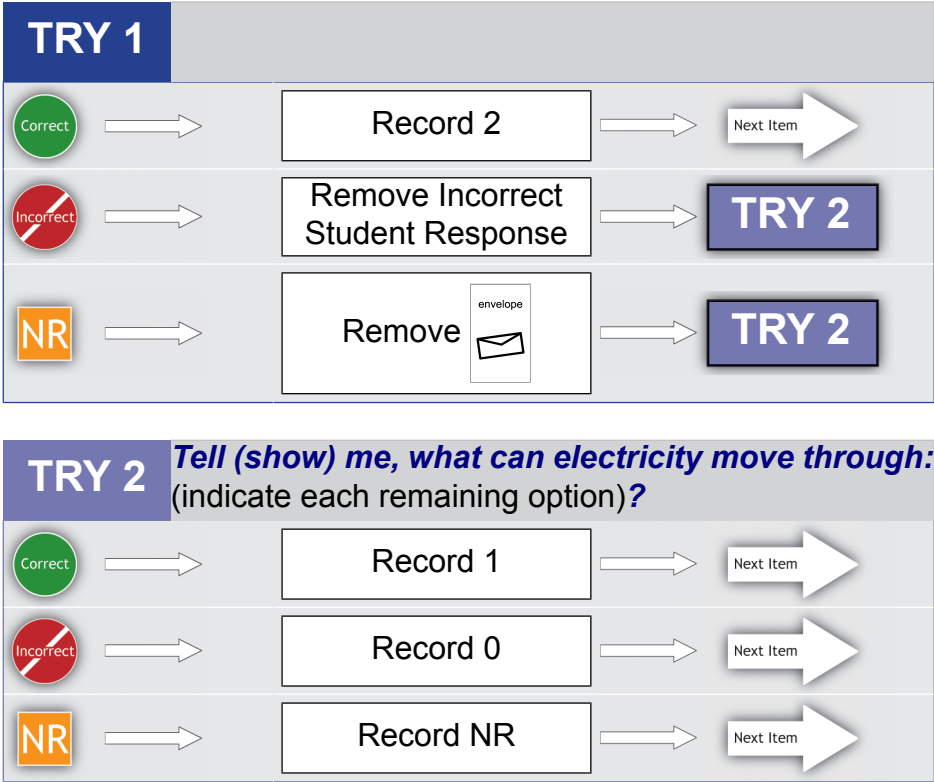
Electrical Circuits: Item 3

Setup



Script

Say: ***Tell (show) me, what can electricity move through: a paper envelope*** (indicate the envelope card), ***a wood stick*** (indicate the stick card), ***or a metal paper clip*** (indicate the paper clip card)?



Electrical Circuits: Item 4

Setup

cloth



wire



paper





Script

Say: ***Tell (show) me, which is needed for an electrical circuit: cloth (indicate the cloth card), wire (indicate the wire card), or paper (indicate the paper card)?***

TRY 1

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

TRY 2

Tell (show) me, which is needed for an electrical circuit: (indicate each remaining option)?

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

Electrical Circuits: Item 5

Setup

food



exercise



battery





Script

Say: ***Tell (show) me, where does an electrical circuit get its energy: from food*** (indicate the food card), ***exercise*** (indicate the exercise card), ***or batteries*** (indicate the battery card)?

TRY 1

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

TRY 2

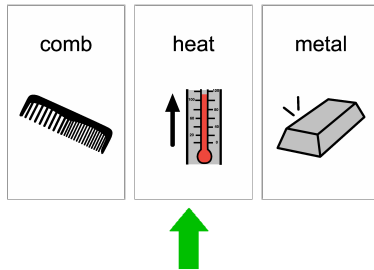
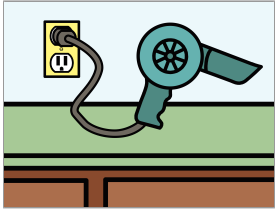
Tell (show) me, where does an electrical circuit get its energy: (indicate each remaining option)?

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

Science Task 1:

Electrical Circuits: Item 6

Setup



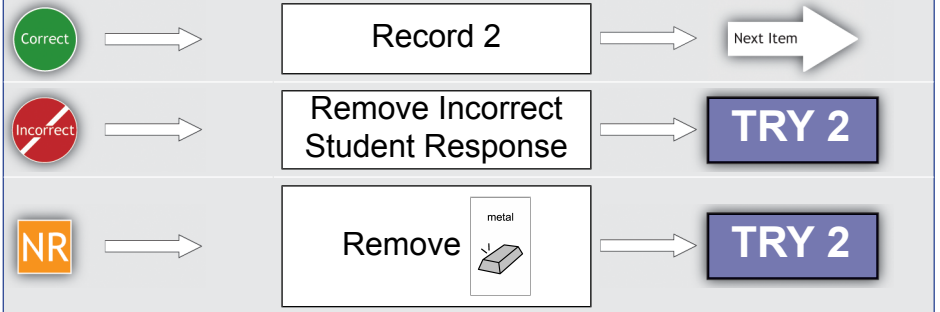
Script

Do: Place the poster in front of the student.

Say: **Look at the picture. Electricity goes from the socket to the hair dryer. Tell (show) me, how does a hair dryer use electricity? It changes electricity into: a comb** (indicate the comb card), **heat** (indicate the heat card), **or metal** (indicate the metal card)?

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

TRY 1



TRY 2

Tell (show) me, how does a hair dryer use electricity? It changes electricity into: (indicate each remaining option)?

