

Good Copy

Drought Stopper Conceptual Model

~Draw a scientific diagram of your conceptual model on a full piece of paper.

10pts

2pts Accurate (Title, show outer set-up correctly, clearly show your idea)

2pts Big (Fill the page! Details are big enough to see.)

2pts Colorful or shaded (Neatly done! Realism, not decorations. Draw straight lines with a ruler)

2pts Detailed (Neatly label all parts with straight horizontal lines, enough detail in drawing and or labels to explain your idea.)

2pts Explanation of background knowledge

YOU HAVE 10 MINS ONLY TO FINISH YOUR CONCEPTUAL MODEL

LT. I can draw a conceptual model to explain how a black box works.

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LT. I can draw a conceptual model to explain how a black box works.

10/11 Black Box # 3

I am going to demonstrate this black box which is called a Hum Dinger!

While I demonstrate I want you to observe carefully what you see and hear.

Write down as many observations as you can in your journal

Learning Target: I can draw a conceptual model of a black box making inferences about what it looks like using observations and background knowledge.

Background Knowledge

What does this system remind you of?
Where have you heard these noises before?

Record your background knowledge in your journals.

The hum reminds me of-----

the ding reminds me of-----

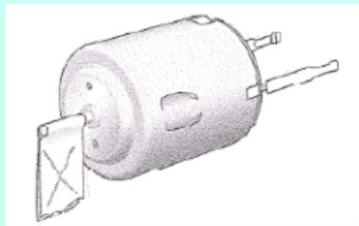
_earning I can draw a conceptual model of a black box making inferences about
Target: what it looks like using observations and background knowledge.

Talk to your table group about...

Where have you seen these materials before?

Did you use them in 4th grade?

What do you know about wires, batteries, and motors?



Learning Target: I can draw a conceptual model of a black box making inferences about what it looks like using observations and background knowledge.

Your goal is to create a model that matches the hum dinger black box. Create a system that hums when you pull the string and dings when you let go.



Share with your neighbor what you think about creating a hum dinger with these materials.

_earning I can draw a conceptual model of a black box making inferences about
Target: what it looks like using observations and background knowledge.

Clean Up

_earning I can draw a conceptual model of a black box making inferences about
Target: what it looks like using observations and background knowledge.

_earning I can draw a conceptual model of a black box making inferences about
Target: what it looks like using observations and background knowledge.