

09/05

ABCD

#2

Agenda

-Challenge
#1 reflection
-Challenge
#2

Entrance Task

In your journal, reflect on yesterday's challenge by responding to the following questions:

1. Did your design meet the challenge? Explain why/why not.
2. Could another team build your design from your diagram? Explain why/why not.

Exit goal

Stamp on
my ABCD
explanation

Learning I can work in a group to solve a problem.
Target: I can explain the ABCD of scientific diagrams.

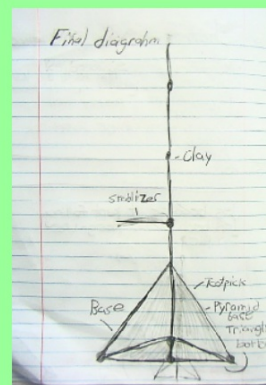
Scientists record their work accurately (copy this into your journal)

Accurate (include measurements, show things as they are)

Big (fill the space)

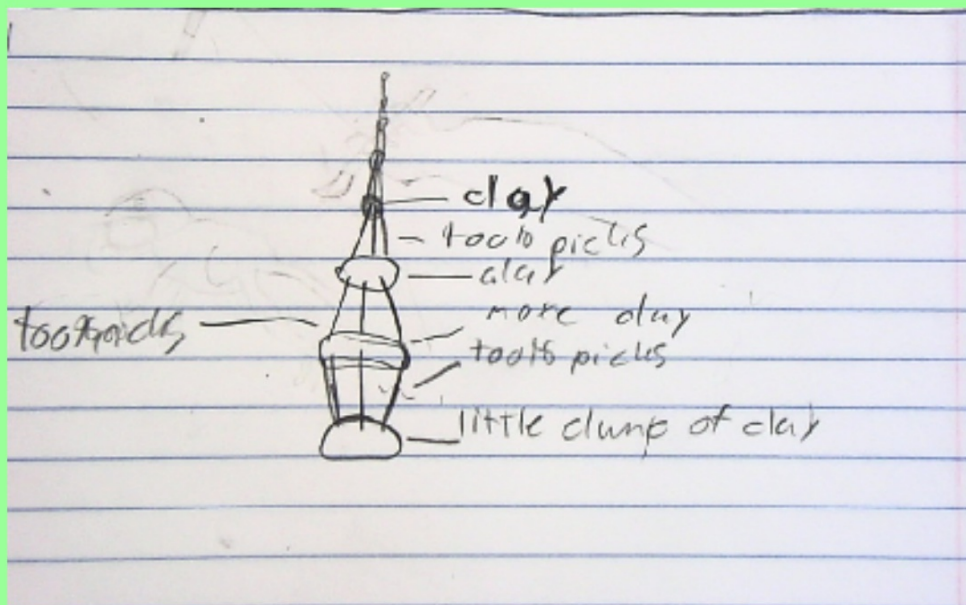
Colorful (or shaded)

Detailed (label all parts with horizontal words)



Learning I can work as a team to complete a challenge.
Target:

What else does this Final Diagram need?



Do we need to be this exact for our initial idea?

Learning I can work as a team to complete a challenge.
Target: I can explain the ABCD of scientific diagrams.

Challenge #2

Work as a team to build a bridge that can span a gap of 15cm and hold 5 washers in a cup.

Rules

1. On your own draw a sketch in your journal of your initial idea.
2. Share your ideas with your team.
3. Choose a design test it out.
4. You may not break the toothpicks.
5. You may only use 30 toothpicks and 1 ball of clay.
6. The bridge has to hold for 5 seconds.

Learning I can work in a group to solve a problem.

Target: I can explain the ABCD of scientific diagrams.

Clean Up (pack your binder too)

1. Take it apart and ball up the clay
2. Return the bag to the tub.
3. Wash your table with a rag (spray by the door 1 spray per table is sufficient)

-  Sit up
-  Track the speaker
-  Ask questions
-  Respect your peers
-  Stay focused

Learning I can work in a group to solve a problem.

Target: I can explain the ABCD of scientific diagrams.

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