

09/04 Characteristics of a Scientist #1

Agenda

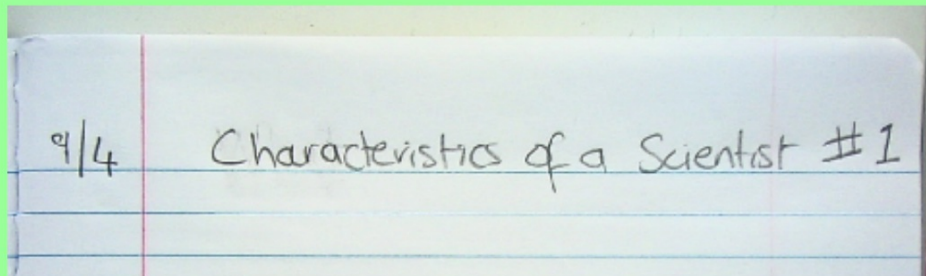
- What is science?
- group challenge

Exit goal

Team work reflection

Entrance Task

- On your first page make a heading as in the example.



- make your first entry in the table of contents.

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

Learning

Target: I can work in a group to solve a problem.

Quick Write

- What characteristics do you think a good scientist has?

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

Learning

Target: I can work in a group to solve a problem.

Focus Question

What Does It Mean To Be Scientist?

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

Learning

Target: I can work in a group to solve a problem.

Observation

teamwork

Problem solving

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

Learning

Target: I can work in a group to solve a problem.

Challenge #1

Working as a team, Build a structure as tall as possible using the toothpicks and clay.

Rules

1. On your own draw a sketch in your journal of your initial idea.
2. Share your ideas with your elbow partner.
3. Choose a design and test it out.
4. You may not break the toothpicks.
5. You may only use 30 toothpicks and 1 ball of clay.

Learning

Target: I can work in a group to solve a problem.

DO NOT PACK UP YOUR BINDER WE ARE NOT FINISHED!!!!!!!!!!!!!!!!!!!!!!

Clean Up

1. Draw your structure in detail
2. Take it apart and ball up the clay
3. Return the bag to the tub.
4. 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

Target: I can work in a group to solve a problem.

Exit Task

Reflect on the learning target.
How well did you work as a team?



Learning

Target: I can work in a group to solve a problem.