

YOUTH ART PROJECT FOR:

SHARE COMMUNICATE

OBJECTIVE

Students will demonstrate an understanding of sharing and communicating as part of the scientific method.

Set up/prep time:

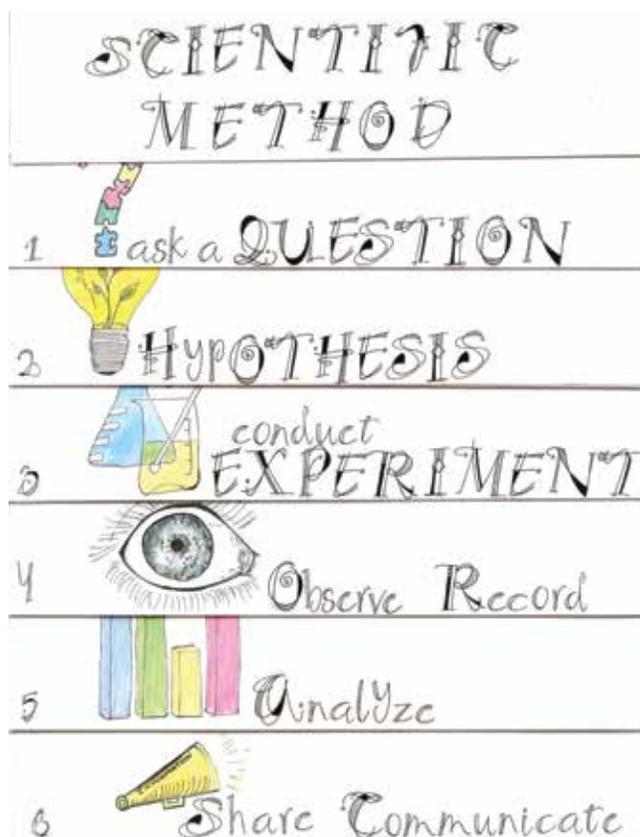
30 minutes

Activity time:

2-3 hours

Materials Needed:

Colored markers, black fine point pen, pencil, eraser, paper





COMMON CORE STATE STANDARD

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

PRE LESSON ASSESSMENT

Administer a pre lesson assessment to determine what the students already know about sharing and communicating as part of the scientific method.

VOCABULARY

Sharing, communicating

RELEVANT RESOURCES

Content

<http://psychology.about.com/od/researchmethods/a/reporting-results.htm>
<http://www.recyclexp.net/2011/12/10-benefits-of-sharing-negative-data.html>
<http://www.nationalmssociety.org/research/how-far-weve-come/how-and-why-do-scientists-share-results/index.aspx>

Art

http://www.ehow.com/video_12128052_draw-cheer-megaphone.html
<http://www.wikihow.com/Draw-Mouths>
<http://1.bp.blogspot.com/-ttneBS63P58/TieSjZrW4ZI/AAAAAAAAA-JQ/P7IXoBATNAI/s400/imagesCASDRJ04.jpg>

“Positive thinking will let you do everything better than negative thinking will.”
-Zig Ziglar

Students will engage in:

- Listening
- Speaking
- Reading
- Writing
- Partner Work
- Cooperative Learning
- Whole Group Instruction
- Visuals
- Hands on
- Technology Integration
- A Project
- Centers
- Simulations
- Activities





STEP 1

This is the seventh, and final, lesson in a unit created to teach the Scientific Method. Prior to this lesson students should have completed Lesson 5: Analyze. Students will be using the scientific method booklet they made in the “Introduction to the Scientific Method” lesson, and should be on the tab labeled “6.” This will be step six of the scientific method. Have the students use a pencil to write the words, SHARE COMMUNICATE, on this tab. Instruct the students to also use a pencil to draw a symbol that can be associated with sharing and/or communicating.



STEP 2

Have the students trace their pencil markings with a black fine point pen and then erase any remaining pencil markings. Instruct the students to use markers to color the symbol they have chosen to represent this sixth step of the scientific method.





STEP 3

Have the students write on this same page of their booklet, above the tab or on a sticky note, the importance of sharing and communicating their results when conducting an experiment. Students should also write any other information, from instruction or their own research, which they consider interesting and/or important in understanding this step of the scientific method. Have the students practice this step of sharing and communicating by standing in front of the class and sharing the results they discovered through either an experiment performed individually or one conducted as a class.



POST LESSON ASSESMENT

Administer a post assessment to determine what new knowledge the students have gained.



Communicate Your Results/Findings

Professional scientists publish their findings in reports, scientific journals and also by presenting at conferences.



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Share Communicate