

Lesson Plan Title

Properties Skits

Grade Level

7th Grade

Subject Area

Science

MSCCRS

P.7.5C.3: Collect, organize, and interpret data from investigations to identify and analyze the relationships between the physical and chemical properties of elements, atoms, molecules, compounds, solutions, and mixtures.

Art Form

Drama

MSCCR Creative Arts Standards

TH:Pr5.1.7b: Choose a variety of technical elements that can be applied to a design in a drama/theatre work.

Duration

1 hour

Materials

Body

Objects from around the room

Objectives

TLs display physical and chemical properties through a skit.

Vocabulary

Physical Properties

Chemical Properties

Space

Facial expressions

Skits

Tone

Lesson Description

1. TTW begin the lesson by reviewing what physical and chemical properties are.
 - a. Physical Properties: Properties that can be observed or measured without changing the composition of matter.
 - i. Example: Color, texture, odor, melting point, etc.

- b. Chemical Properties: A characteristic that is observed during a reaction in which the identity of the substance is changed.
 - i. Example: flammability, toxicity, acidity, and heat of combustion
2. TTW play a short video from youtube that talks about physical and chemical properties.
3. TTW explain that she will be dividing the class into groups of 4, and each group will create skit that explains one type of chemical or physical property.
4. The skit must display one quality of either physical or chemical property, such as a change in color when a physical change happens.
5. TTW give them the category of physical or chemical property, but it is up to them to decide what quality of that property that they will display.
6. TTW give the learners some pointers when performing a skit. TTW explain that you must have several things such as positioning, voice projection, and emotions.
 - a. Positioning- Make sure your body and face are facing the audience as much as possible.
 - b. Voice projection- Make sure your voice is clear and loud.
 - c. Emotions- It is best to be as dramatic as ever when acting out!
7. TTW give each group 20 minutes to create and practice their skits after she assigns their properties. TTW walk around the room and provide help as needed.
8. TLs will then perform their skits based on one type of the property.
9. TTW close the activity by having the learners reflect on each skit and discuss what they liked about each skit and how each one could improve.

Recommended Resources

Physical and Chemical Properties Video: <https://www.youtube.com/watch?v=nISemv2fLN8>

Extended Learning Activities

N/A

Sources

N/A

Tips

N/A

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