

Lesson Plan Title

Periodic Table Charades

Grade Level

7th Grade

Subject Area

Science

MSCCRS

P.7.5C.4- Predict the properties and interactions of elements using the periodic table.

Art Form

Drama

MSCCR Creative Arts Standards

TH:Cr2.1.7b- Demonstrate mutual respect for self and others and their roles in preparing or devising drama/theatre work.

Duration

1 hour

Materials

Body

Objectives

TLs will demonstrate the properties of an element on the Periodic Table through charades.

Vocabulary

Periodic Table

Metals

Nonmetals

Noble gas

Transition metal

Charades

Lesson Description

1. This lesson is an end of the unit lesson, so the learners already have full knowledge of the periodic table and their qualities.
2. TTW play a youtube video that will briefly review the elements in the periodic table.
3. TTW then explain that about 20 of the elements are in a bowl and that we will be playing charades. The elements are well-known elements and are easily detectable.

4. TTW explain that charades is a dramatic experience in which the learners must silently act out something (in this case, an element on the periodic table) and the audience must try to guess what he/she is acting out.
5. TTW demonstrate by acting out Oxygen and using common qualities that will help them to remember what it is.
6. TTW allow learners to come up one at a time and pick a card with an element on it. They will only have 2 minutes to brainstorm what they are going to do.
7. TLs will perform their charades, and the audience must try to guess what it is. The audience must also be able to define what parts of the elements that made them realize what was being portrayed.

Recommended Resources

Periodic Table Song- https://www.youtube.com/watch?v=rz4Dd1I_fX0

Extended Learning Activities

N/A

Sources

N/A

Tips

N/A

Author

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