

Lesson Plan Title

Travel Through the Layers of the Earth

Grade Level

8th

Subject Area

Science

MSCCRS

E.8.9A.1: Investigate and explain how the flow of Earth's internal energy drives the cycling of matter through convection currents between Earth's surface and the deep interior causing plate movements.

Art Form

Drama

MSCCR Creative Arts Standards

TH:Cr3.1.8: Implement and refine a planned technical design using simple technology during the rehearsal process for devised or scripted drama/theatre work.

TH:Pr6.1.8a: Perform a rehearsed drama/theatre work for an audience.

Duration

1 hour

Materials

Layers of the Earth anchor chart- <https://www.pinterest.com/pin/194288171405518048/>

Various materials around the classroom

Objectives

TLs demonstrate the layers of the Earth through acting.

Vocabulary

Inner Core

Outer Core

Mantle

Crust

Convection currents

Character/Gesture

Lesson Description

1. TTW review the layers of the Earth with the learners. TTW be sure to point out key points in each layer. Such as the mantle has convection currents, and the core is part liquid and solid. (All is listed on the anchor chart)
2. TTW then explain that TLs will be divided into groups; each group will be given a layer of the Earth.
3. TTW explain that each group will act as a group of scientists who have successfully made it to a certain layer of the Earth. The scientists will be filming a video to show the rest of the world who will soon be able to travel to them.
4. TTW explain that they must set up a background/environment, proper equipment to survive, and must explain their findings. They must stay in full character at all times.
5. TTW give each group only 25 mins to prepare their scenes and to create their dialogue. TLs must entice people to come to visit them. They will be set up in different areas of the classroom.
6. TLs are allowed to use any props that they may need to display their layer of the Earth.
7. Once they have rehearsed their scenes, TTW record each group on her cellphone, and then she will show them to other classes where they will vote for the best one.

Recommended Resources

N/A

Extended Learning Activities

N/A

Sources

N/A

Tips

Be sure to have enough props for all groups.

Author

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