

Tori Garbutt

Arts in STEM

Scavenger Hunt

5/25/20

Which Art standards could relate to a current lesson you teach?

The lesson plan I chose is a first-grade lesson about the different growth stages in a plant's lifecycle. I believe the art standards can enhance my science lesson by allowing the students to make connections of how plants grow through song, dance, and visual and media arts. First, I would incorporate music by asking the students to work with me to create a song about how plants grow. We can decide together which tune we would like the song to be sung to, for example twinkle twinkle little star and then the students and I would work together to change the lyrics to make them about how plants grow. This can include the vocabulary words that we go over in the lesson, such as lifecycle, seedling, stem, leaves, seed, and flowers. The students can then create a dance to go along with their song that shows the different stages of a plant's life cycle. The students can crouch down low to show that they are a seed, and have other students dance around them as rain clouds and the sun to show the seeds receiving sunlight and water. Then the students can use dance movements to show the seeds growing tall and sprouting flowers. Finally, there is a portion of my science lesson that has the students drawing an illustration of the plant cycle. I would take this a step further by asking the students to create a sculpture or a paper mâché collage of a certain stage in the cycle. I would place four students into five

groups and assign them a certain stage of the plant's lifecycle where they would either create a sculpture or a collage to represent the features of the plant at that specific stage. Then, when each group has completed their project, I would place each stage side by side to create a tangible experience of how each stage in the lifecycle changes over time. This would be an interesting and interactive way to incorporate the art standards into the science lesson. It would allow for the students to practice inquiry and project-based learning by tying in their prior knowledge as well as the concepts presented in the lesson.