



Phases of the Moon: It's not just a Phase



Thursday, February 4th at 9:45AM to 11:15AM
Virtual Classroom 3

Stacey Stevenson- NASA OKSG MTPE Class of 2017-2018 Ambassador

Dorinda Risenhoover- Education Coordinator, NASA OKSG

Ashley Henry- NASA OKSG STELLAR Class of 2020-2021 Participant

Kaitlyn McGriff- NASA OKSG STELLAR Class of 2020-2021 Participant

In this session, participants will participate in two hands-on STEAM-based activities to aid in their students' understanding of the phases of the moon. In the first STEAM activity, participants will use their heads (LITERALLY) to see all the phases of the moon by creating a diorama which puts them directly into the product as they view the phases first-hand. In the second activity, students will be using a bubble solution, paper plates, and black bulletin paper to create the phases of the moon poster for their classroom.

While you are welcome to watch our presentation and try out the activities at a later time, we encourage our participants to complete the activities as we present live. If you choose to complete the activities with us in real time, you will need the following materials:

- 1 foam board in black (bought mine at a dollar store)
- 8 small plastic balls (golf, ping pong, foam- dealers choice)
- Paints in black, yellow, red, & orange (colored pencils and crayons work as well)
- Red glitter glue (optional)
- Painters tape (optional)
- Hot glue gun
- Hot glue sticks
- Glue dots (optional)
- White colored pencil (silver or gold Sharpie would work as well)
- Box cutter knife (adult use only for younger children)
- 4 dessert sized PAPER plates (the cheap ones) per student
- A sheet of black bulletin paper, approximately 24" X 64" per student
- 1 bottle of black tempera paint
- 1 gallon of bubble solution
- Bottle of Kayro Syrup
- White colored pencil- one per student
- Craft glue sticks- one per student
- Scissors
- Bowl for every 4 students
- Straws (two per student)