



Moon

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1st – 6th Grade
Science/Dance

Objective:

In a 45-minute class students will explore the phases of the moon and the properties of the moon while exploring locomotor steps.

6th Grade

Core Curriculum Standard 1

Students will understand that the appearance of the moon changes in a predictable cycle as it orbits Earth and as Earth rotates on its axis.

Dance Standard 1

The student will identify and demonstrate knowledge of the body and movement skills in performing dance.

Objective 2

Identify and execute axial and locomotor steps.

Materials:

Black Lights
White fabric
Scarves
White circles

Music:

Gongs and Drums to Welcome New Year, Wong Ching-ping
Jon Scoville
The Rob Roy Reels, Capercaillie
Walk, Don't Run, The Ventures
Heel, Paolo Conte

Warm up/ Introduction:

Have all the kids sit in the center of the gym. Assess previous knowledge. How long does it take for the moon to go around the earth? 29 days. Give a moon to half of the class. The other half sits in the center, the earth. (*Use white circles*)

Slide 2: People on earth count and clap to 29 and people on the moon skip around the earth for 29 counts. Start with the new moon. Then count to 15 and stop at the full moon, depending on the grade level add half moon, waxing and waning, etc.

Explore:

Slide 3: We need a rocket to get to the moon. We also need oxygen. Count down from 10 to 1, blast off and then **walk** on the moon, slow motion, float, backwards.

Slide 4: Lunar Highlands. Make a crater shape upside down, hold for 8 counts, and then **gallop** around for 16 counts. Repeat a few times.

Slide 5: Seas of the moon. Make groups of 5 or 6. Hold hands and **slide** counter clockwise. The seas are filled with lava, when I say lava, **laydown** on your belly hands to the center of the circle. When I say **Maria**, stand up and slide.

Slide 6: The biggest Known crater in the Solar System. Make a circle with the *long white fabric*. Have students hold the fabric and turn the lights off.

When I say **South Pole Aitken** you make **shapes**.

When I say the biggest known crater in the solar system you **slide**.

When I say it is filled with lava, you know what to do (**laydown** on your belly.)

Slide 7: Moon dust when I say oxygen you **dance** (leap, jump, or hop) when I say no life you **freeze** on a low shape. (*Use scarves and black light*)

Side 8: Oriental Basin, 5 girls make a circle in the center, **walk** to the left, 8 boys make a circle around the girls **gallop** to the right, the rest of the class make the last circle, **leap** to the left.

Asses:

Teacher calls out one part of the moon and students perform.

Perform:

Divide the class in half. One half watches and the other performs. Audience can call out on part of the moon wen teacher touches your shoulder.

Connect:

We need to back to earth. We need to get on our rocket ship. What are some things that the earth has that we don't?

Get on your rocket ship when you arrive to earth what will you do different?