



SCIENCE ALIVE!

I'M A TREE - CLASSROOM RESOURCES

SLUG SCIENCE JOURNEY VIDEO (20-MINUTES)

STANDARDS: K.LS.1, K.LS.2, K.PS.1

DESCRIPTION: Cinda Wind~the gentle breeze~ introduces students to The Banana Slug String Band and together they go on a fun and zany journey to learn about trees. During this virtual adventure you will discover, explore and compare trees, animals and how they depend on each other. You will find out how trees are different and alike, as well as what kind of gifts they give to us and animals. If you are lucky you will even get to meet Twitchy the giant squirrel! This will be the main resource that students will use for the below activities.

SONG BOOK

STANDARDS: RF.K.1, RF.K.2, K.PS.1, K.LS.1, K.LS.2

DESCRIPTION: The online book provides the students a version of the Banana Slug song, "I'm a Tree" in a read along format. Each student will be able to read through the book at their own pace and have the concepts re-emphasized through the illustrations first introduced in the video.

LESSON 1: LEAF GAMES

STANDARDS: K.CC.4a-c, K.CC.5, K.CC.6, K.MD.1, K.MD.2, K.L.5A, K.L.6, K.SL.5, K.PS.1, K.LS.1, K.LS.2

DESCRIPTION: During the Slug Science Journeys video, Solar Steve and Cinda Wind encourage the students to get outside and explore with hands on discovery learning. Students are encouraged to use their Nature Journals to detail what they discover. Students can utilize FLIPGRID to record their tree discoveries, and try a leaf tattoo. Save those leaves for great math fun! Sorting and counting leaves: Sort leaves by shapes and count each group of leaves. Which group has the most leaves? Which group has the least amount of leaves? How do your leaves measure up? Line up all of the leaves in a row and pick out one that is the longest and one that is the shortest. Which leaf is the longest? Which leaf is the shortest?

LESSON 2: BIRD EXPEDITION

STANDARDS: K.SL.1, K.SL.4, K.SL.5, K.SL.6, K.CC.4, K.CC.5, K.LS.1, K.LS.2, K.PS.1

DESCRIPTION: Students are challenged to go outside, listen for birds and track how many different birds they see or hear. Can you hear more than Solar Steve heard in the Slug Science Journey video? This can be recorded in their Nature Journal using hash marks and drawings. Using FLIPGRID, students can record their bird count adventure: How many different colors of birds and songs do you hear? Let others hear the birds calling in their yard! Students should guess why birds have different songs and sing.

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LESSON 3: FEET UP A TREE!

STANDARDS: K.SL.4, K.SL.5, K.W.8, K.PS.1, K.LS.1, K.LS.2

DESCRIPTION: Students are encouraged to go outside, lay down and put their feet and legs up against a tree trunk just like Solar Steve In the SLUG SCIENCE JOURNEY video. Students can use their binoculars to look and listen for activity as well as identify characteristics of the tree. Each student should do this for at least two trees and should draw their observations of likenesses and differences between the two trees in their Nature Journal. Students should write or dictate descriptive words about their perspective of the two trees with their drawings. Using FLIPGRID Mini Science Challenge, Students will video their perspectives of each tree.

LESSON 4: SCAVENGER HUNT

STANDARDS: K.SL.4, K.SL.5, K.PS.1, K.LS.1, K.LS.2

DESCRIPTION: Students will explore outside to find items that represent verses of the “I’m a Tree” song. They will also complete a color hunt with their crayon box, finding things in nature to match every color!

LESSON 5: TREE YOGA

STANDARDS: 1.A.K.3, 1.A.K.4, 3.B.K.1, 3.B.K.4, 4.A.K.2, 4.B.K.1, K.LS.1, K.LS.2, K.PS.1

DESCRIPTION: Solar Steve introduced students to “Tree Yoga” or “Being A Tree”. While pretending to be a tree, students are also introduced to the importance of stretching and how it helps in body health. A great way to introduce yoga, mindfulness and stretching in the classroom or home. A video introducing the “Yoga Tree” pose is an additional visual for students. Students can record their yoga tree exercises in FLIPGRID to share with the class.

LESSON 6: LEAF WIND CHIME

STANDARDS: K.1CR, K.2CR, K.3CR, K.LS.1, K.LS.2, K.PS.1

DESCRIPTION: Students will be build their own wind chime and “give a voice to the wind”. Direction are provided on the student sheet. Using the FLIPGRID Mini Science Challenge, Students can share about how they constructed their wind chime, how it makes them feel, and how others react to their artwork.

LESSON 7: A TREE FOR ME BOOK

STANDARDS: K.RF.1, K.SL.5, K.PS.1, K.LS.1, K.LS.2

DESCRIPTION: Students will use the provided student sheets to draw and write about trees. “My Tree Is...” and “My Favorite Tree” are already inside the students’ nature journals. A copy of the “A Tree for Me book” is located inside the student kit.

LESSON 8: READING ENRICHMENT

STANDARDS: K.RF.1, K.RF.2, K.RF.4, K.LS.1, K.LS.2, K.PS.1

DESCRIPTION: Read “Who Will Plant A Tree”, by Jerry Pallotta & “I See Trees”, by Tim Mayerling. Both books are readily available for educators through Epic Library. <https://www.getepic.com/educator-sign-up/profile>. The library allows upload to Google classroom.