Warm Up: Calendar discussion. Review how many months kiddos have attended LEAP? How many months in a year? Days in a week? Days in a year? Weeks in a year? How many months until you begin 1st Grade? Message of the Day: leave out the word number answers to the calendar questions. Maybe only leave out the actual number to fill in for “How many days in a year?” Tell them our theme for the day is “Wonderful Worms!” Watch: https://www.youtube.com/watch?v=l-zc_1vjL.nI

Journal: Write: I learned that worms _____________. I want to know if worms___________. Fill in the first sentence with info from watching youtube video. Illustrate from what they learned.

Math: Dig up earthworms and fill out attached “My Earthworm” worksheet. Have student compare length with the length and appearance of your earthworm. Make sure to label the length of the worm in centimeters and show them the abbreviation (cm). Talk about how many centimeters are in an inch and find things that are about a cm long. They need to estimate how many cm long they think their worm is. They can then find comparable items close to the length of their worm and then something the length of both of your worms combined. Remind them of the difference between a good estimate and a “guess” when looking for comparable items.

Reading Activities: Read https://www.youtube.com/watch?v=MV3A864z9W0 Look at and read the “Worms Eat/Don’t Eat” cards. Go around the house and find items that worms do and do not eat. Mix them up in a bag or box. Have student make one card that reads “yes” and one card for “no.” You can create teams and give points for each correct answer. Whoever gets say ten points first gets to trade places with you and show the items in a different order. You can always add bonus questions to mix things up.

Craft: If you are feeling brave and ambitious, make a worm composting bin. See attached sheet for instructions. It would be a good idea to discuss if your family can provide all of the elements needed for a safe and healthy worm bin. From experience, this can be a fun short term project and perfect for kiddos to observe decomposition and the rich castings that worms provide. If you garden at all, it is rewarding to fold the rich, new soil into the earth in a few weeks. Hint: do not let the worms dry out or keep them too moist. These bins can become super stinky! If you don’t feel like making a bin, the student can design the perfect bin on paper.

Snack: Make an edible worm dirt cup. We combine a chocolate pudding cup, crushed up oreos and two gummi worms. Layer and dig in!

Music (from Mrs. Flanscha):

Science: Earthworm life cycle. Speak about the life cycle of a worm. (See attached diagram) Go back into the soil and look for worm eggs. Online, there are multiple experiments to safely
do with earthworms. I like to do the “light sensitivity” activities. Discuss our human vision and how we use our sight versus how worms use theirs. Again, because we are handling delicate creatures, kiddos need to be respectful and make sure not to keep the worms out of a moist place too long.

**Sketch Book:** Draw the **Anatomy of an Earthworm**. Copy attached diagram, label and color.

**Bonus Jeopardy Game:** Use Worm fact cards to review the info learned today. Make two teams. Use fill in the blank questions, true or false, either or, etc. Maybe the winning team gets to eat more gummi worms!