



Today's at-home learning theme:

Soil



- For your first step, go outside and gather soil! Collecting samples from different depths and locations would be best.
- Take this sheet from Project Learning Tree with you to make observations as you collect soil: https://www.plt.org/wp-content/uploads/pdf/PLTPreK-8_Activity-70_Soil-Stories_Student-Page_Soil-Investigation.pdf
- Using this activity from Ag in the Classroom, shake and feel some of your soil to determine its makeup: https://utah.agclassroom.org/teacher/matrix/lessonplan.cfm?lpid=365&search_term_lp=soil
- Try activity one to see how everyday objects are all linked to soil: https://utah.agclassroom.org/teacher/matrix/lessonplan.cfm?lpid=144&search_term_lp=soil
- Take a virtual tour of the underground exhibit at The Field Museum: http://archive.fieldmuseum.org/undergroundadventure/virtual_tour/index.shtml#
- Try this family activity by Scientific America to learn about soil erosion: <https://www.scientificamerican.com/article/can-plants-help-slow-soil-erosion/>
- Make your own Soil Profile with USDA: https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=nrcs142p2_054308
- Take a tour of the Dig It! The Secrets of Soil exhibit that was at the Smithsonian Museum of Natural History and play the games that were featured: <https://forces.si.edu/soils/> Make sure you find your state's soil and meet some soil scientists!
- Have a parent help with this model of the available soil from the Soil Science Society of America: <https://www.soils4teachers.org/files/about-soils/earth-science-week-2007.pdf>
- Hear Melissa Febus read *Jump into Science: Dirt* by Steve Tomecek: <https://www.youtube.com/watch?v=i-ie4blb6hA>

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