Underground Bugs & Insects: Major Concepts

Objectives
- Students will learn about different bugs that live in soil: worms, beetles, grubs
- Students will have the opportunity to engage in structured play, adult modeling, and sensory exploration

Guiding Questions
- Do animals live in the ground?
- What kind of animals live in the ground?
- Do bugs help the springtime plants grow?
- Can you crawl like a bug or wiggle like a worm?

Careful Looking

Explore Smithsonian's Learning Lab	Dig in the Ground
[Beetles](#) [Worms](#) [Centipede](#) [MIllipede](#) Image: https://en.wikipedia.org/wiki/Beetle#/media/File:Coleoptera_SMNK.jpg	- Adventure outside and try to spy different bugs. - Ask questions like: - I wonder where they live? - Do all bugs look the same? - If you're able to, go outside and get digging! Use a shovel or just your hands for add

Gross Motor Play

Do the Worm	Wiggle through a Tunnel or Pillow Fort

- Make a fort with brown or black blanket and imagine that you are a worm or beetle.
- Wiggle a squirm and have fun. Maybe eat a snack in your fort and talk about the different foods bugs eat.
- Work on gross motor skills by creating an obstacle course. Here are some fun ideas of how to set one up: https://www.youtube.com/watch?v=dVYk37ad69c
- Learn how to do the worm dance https://www.youtube.com/watch?v=HxB47LKsgZI

Worm Art

String Worms	Crinkle Worm inspired by Alexander Calder

Movable Worm: https://www.youtube.com/watch?v=8svy1SEP1o8

Stories, Songs, & Blogs

Stories	Songs	Blogs
Super Worm: https://www.youtube.com/watch?v=7Jnk3XApKBg **The Very Clumsy Click Beetle:** https://www.youtube.com/watch?v=lfbEMh7UV6c **Dig In:** https://www.youtube.com/watch?v=LmvQKsYSM2Y	**Sammy / I'm Glad I'm Me by Hap Palmer** https://www.youtube.com/watch?v=x_-TrOvEyEl **Wiggly Woo** https://www.youtube.com/watch?v=vdWsez-CD5o **Bug'n Roll Bug Songs by Pinkfong Songs for Children** https://www.youtube.com/watch?v=oybEMWW23uU	**Teacher Feature: Infants Explore Decomposers** **Teacher Feature: Toddler Classroom Explores Soil**