



Roads and Sidewalks

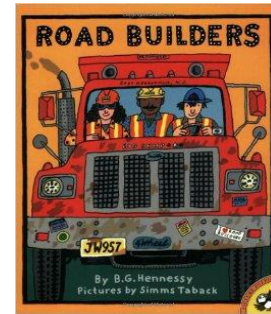
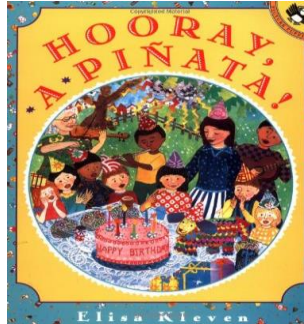
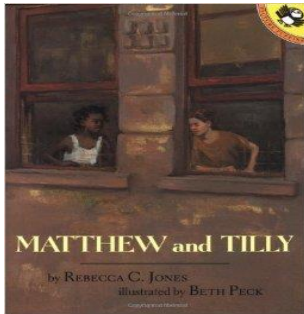


Discover

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Standards:

ATL.EP.PS.1, 4
 ATL.RPS.PS.3-5, 8
 CA.VA.PS.1-5
 ELA.LS.VAU.PS.3
 PHD.FM.PS.6


Materials:

- *Matthew and Tilly*
- *Hooray, A Piñata!*
- *Road Builders*
- small construction vehicles
- shovels, spoons, rakes, etc.
- natural and recycled materials
- small rocks or gravel
- tag board or construction paper
- pretend figures and/or images of characters on unit blocks

Vocabulary:

- construct: build
- road
- crew: people who work together
- sidewalk
- plan

Preparation: Set up materials.

Intro to Centers:

"In *Matthew and Tilly*, Matthew and Tilly played on a **sidewalk** next to a **road**. In *Hooray a Pinata*, Clara and her mother travelled to Clara's grandmother's house on a **road**. Why did they drive in a car instead of walk?"

"Today, in Discovery, you can **construct roads** and/or **sidewalks** with these materials. What do you notice?"

"Make a plan like Buddy and his **crew** did in *Road Builders*. How was making a plan helpful in **constructing** their **road**?"

Show illustrations. Children respond.

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During Centers: Support children in creating a plan. Encourage children to use measurement in constructing their roads. For children who need a more defined workspace, provide small bins with sand and materials. Encourage children to create signs and labels.

Guiding Questions during Centers:

- How is the sidewalk/road you are constructing similar to or different from the sidewalk/road in *Hooray, a Piñata* and/or *Matthew and Tilly*?
- Is your sidewalk/road longer or shorter than your friend's sidewalk/road? How do you know?
- How can you collaborate with your friend(s) to connect your sidewalks/roads?
- What are ways to be safe on a sidewalk/road?

Thinking & Feedback: Invite children to share their processes. Encourage children to describe the challenges they might have encountered.

Documentation: Collect samples of the children's work as well as photographs and/or video of their process; use the documentation to launch a discussion during Thinking and Feedback.

Provocation: Encourage children to research road safety. Invite an expert, i.e., construction manager, police officer to the classroom. Revisit what children learned in *Sign Making* (Unit 1 Week 3). Encourage children to notice safety signs around the school and neighborhood.

Walk past construction projects in the neighborhood and encourage children to document what they notice, including safety signs. Add their documentation to Library and Listening for inspiration and reference.

