

POP! TEACHER RESOURCE

Lesson Plan

Working Together

Lesson Plan for *Concrete Mixers*
Grade 1

Objective

To help students identify the key details in a text about concrete mixers.

Things Needed

- Four copies of the *Concrete Mixers* book
- Whiteboard

Before the Activity

Read *Concrete Mixers* out loud to students. Divide the students into four groups. Give each group a copy of the book. Write the following questions on the whiteboard:

- What does this part allow the concrete mixer to do?
- What would happen if this part wasn't working?

Activity

To start, introduce the idea that machines often have many parts. The different parts of a machine work together. If one part doesn't work, the machine as a whole will not be able to do its job. Open the *Concrete Mixers* book to Chapter 3 ("Parts of a Concrete Mixer"). Students should use the text and images in this chapter to answer the following question:

- What are the different parts of a concrete mixer? (Answer: wheels, truck, drum, chute)

Each group will look at one part of a concrete mixer (wheels, truck, drum, or chute). Students in each group will work together to use the book to answer the questions on the whiteboard. Then they will share their answers with the whole class.

Evaluation

Use the following answer key to evaluate students' answers.



Answer Key

Wheels

- What does this part allow the concrete mixer to do? **Wheels allow the concrete mixer to move around.**
- What would happen if this part wasn't working? **The concrete mixer would not be able to move from place to place. A construction site wouldn't get the concrete it needed for the job.**

Truck

- What does this part allow the concrete mixer to do? **The truck holds the concrete mixer's engine, which gives it power to move.**
- What would happen if this part wasn't working? **The concrete mixer wouldn't have power to move. It would not be able to carry the heavy concrete.**

Drum

- What does this part allow the concrete mixer to do? **The drum holds the wet concrete. It spins constantly so that the concrete doesn't set.**
- What would happen if this part wasn't working? **The concrete would set early. It would harden inside the drum instead of flowing through the chute.**

Chute

- What does this part allow the concrete mixer to do? **The chute allows workers to pour the wet concrete into the right place.**
- What would happen if this part wasn't working? **Workers wouldn't be able to pour the concrete. The concrete would be stuck inside the drum.**

Standards

This lesson plan may be used to address the Common Core State Standards' reading standards for informational texts, grade 1 (RI 1.2).

