



ST Math[®]: See the Math Activity



Teacher's Guide

1. Print and cut out JiJi printable(s).
2. Ask your detectives (students) to find mathematics in the world around them. (eg., geometric shapes in buildings, floor tile that inspires interesting math conversation, an array of shoes in your closet)
3. Detectives will take a picture of the mathematical inspiration, with their JiJi cutout in the picture.
4. Ask detectives to describe the math they see, and then see below to launch a math investigation or pose questions to each student.
5. Tweet highlights of their photos and discussions to @JiJiMath #seethemath

Use Pictures to Launch a Math Investigation

- Facilitate a discussion with students around the mathematics in their photos.
- Write down the list of ideas students brainstorm.
- Working individually or in groups students can select an idea to investigate

They may not actually do the investigation, but the questions they generate and the math connections they make will provide rich discussions and help deepen students' math understanding.

Use Pictures to Pose Great Questions

Use the pictures students take with JiJi to pose great questions to deepen students' understanding and connect concepts. (e.g., how many rectangles are in the picture? What fraction of the whole is a small square? Extend one of the edges to create another full tile.) Think about all the rich conversations you could have with their pictures.

Open ended question enable deep math conversations and engage students in the modeling with mathematics, communicating mathematically and critiquing the reasoning of others, using math tools and making sense of problems and persevering in solving them.

