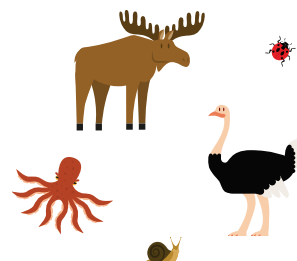# Foot Parade
Day 5

Introduction

This activity allows students an opportunity to think creatively about numbers. Students will use animals to model different ways to make 10 by totaling the number of feet in their parade. After the activity you will have different Foot Parade posters to display that show creative ways to make 10.
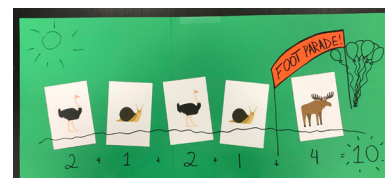
Agenda

Activity	Time	Description/Prompt	Materials
Mindset Message	10 min	Share messages from the mindset video, *Brains Grow and Change*, https://www.youcubed.org/weeks/week-4-grade-K/	
Explore Foot Parade	15 min	- Project the Foot Parade image. - Ask students how many feet each animal has. - Model a foot parade that makes 10 using the animal cards. - Ask students to make their own foot parade of 10 feet using the animal cards.	1 copy of the Feet Parade animal projection sheet - Sets of Foot Parade cards - Counters - Projector - Paper and pencil - Colored pencils or pens - Construction paper - Glue sticks
Share Foot Parade	10 min	- Invite students to share their foot parade posters - Record the foot parade combinations on the whiteboard using numbers.	
Debrief Mindset Message	5 min	Remind students of the video messages they heard – that there is no such thing as a math brain or a math person! Anyone can learn any level of math with hard work and effort!	

Watch the mindset video before class. See if there are any clips from the video you want to share with your class. At the beginning of class share the mindset messages from the video with your students.

Introduce students to the idea of a foot parade of animals. First ask students to determine how many feet each animal has. You can do this as a number talk, first asking how many feet the ostrich has and recording all of the answers students offer without evaluating which answer is correct. Record the number when students agree on the number of feet for an animal.

Model a Foot Parade using cards from the Foot Parade deck. Your foot parade should have a total of 10 feet. Ask students to determine the number of feet in your parade. Ask students to make their own parade, that is different from yours, and that has a total of 10 feet. Students can choose and order the animal cards to show a parade of 10.

After students have built their parade, they can color and glue their animal parades on larger pieces of paper. Display their parades and discus the different ways they made 10 out of animal feet.

While students are working on the problem watch and listen to how students keep track of the number of feet. How do they record their answers? Ask students how they might show the feet and keep track of the total number of feet. If students make mistakes, discuss the importance of mistakes when doing mathematics.

Extensions
• What if you counted a different number of feet? How many animals/insects could be in the parade then? Show how you know.
• Make an animal parade with a different number of feet.
• Decide on a number of feet. Make an animal parade that equals that number of feet. Post the parade and cover one of the animals. Ask students, if this Foot Parade makes 10, how many feet does the animal have that is hiding behind this paper? Is there more than one way to get this total?