Day 5: Perimeters
Lesson Target: Measure and calculate **perimeters** of quadrilaterals

Process	Activities/Expected Students' responses	Teacher's Support
Understand the Goal 5 min.	**How do you effectively measure perimeters?** **When do you need to know perimeters?**	**Post** a card "**Perimeter"** along with other cards such as **square, rectangle, parallelogram, trapezoid, rhombus**, and **kite**
Explore/ Investigate/Solve 10 min. 10 min. 10 min.	**Define: Perimeter** is the length around the shape **T: Let's try to measure the perimeter of our foot.** *(Foot Cutout/Foot Perimeter* from *About Teaching Mathematics* by Marilyn Burns*)* **Trace** their foot and cut out. **Put** the string around the foot's shape and **cut** it. **Measure** how many centimeters it is. **Share** their measurements. **T:** What else objects can we measure perimeters? **S:** Quadrilaterals. **S:** Desks. **S:** Books. **Explore** measuring items around the classroom. **T:** Do you have to measure all sides when you measure a book? **S:** No, because rectangle has 2 pairs of same sides. **Record** their findings.	**Provide** a construction paper and string. **Facilitate** students' discussions
Conclude	**Journal Entry: How do you measure Perimeters? What information do you need?**	

Assessment:
- **Measure** a variety objects' perimeters accurately and step by step
- **Define** perimeters are the lengths around the any kind of shapes.