

# Number



## ODDS AND EVENS

### Purpose

- To compare whole numbers.

### Division – Primary, Junior

### Equipment

- 1 deck of playing cards (numbered cards only) per group or students make their own cards
- Hula hoops (or markers)

### Set-up

- Divide students into 4-5 equal groups.
- Ask groups to line up at one end of the activity area.
- Place two hoops in front of each group.
- Fan out cards (face up) at the opposite side of the activity area (1 deck per group).

### Activity

- Inform students that each group is trying to organize cards into each hula hoop based on a specific sorting rule (e.g., Primary: odd/even; Junior: prime/composite, divisibility rules, multiple/non-multiple).
- On your signal, the first student in each group runs to the other end of the activity area to take one card and bring it back to their group.
- Students take turns running to the other side of the activity area until all cards are retrieved.
- The first group to have their deck of cards organized wins a point. Repeat using a different sorting rule.

### Modifications

- Ask students to perform different physical activity movements when retrieving the cards (e.g., hopping, skipping, crab-walking).
- Primary: Use different visuals instead of playing cards to represent odd and even numbers (e.g., number of sides on different shapes, coin values).
- Junior: Students create their own deck of cards with math equations. Students will grab an equation and solve it. (The answer will be organized into the odd or even number pile.)

### Questions for Student Understanding

- What strategies did you use to help you determine where a number belongs?
- Which sorting rules were the most difficult to sort numbers into? Why?