



Activity Summary: Learners experiment with how different amounts and directions of force affect the motion of a ball. Using simple tools to simulate kicking, they will investigate speed, distance, control, and precision—just like real soccer players do on the field.

The calculations below are for a class of 30, with learners working together in groups of 3 (10 groups total). Consumable materials needing replenishment before the activity are indicated in the **Notes** column.

Item*	Class Quantity	Notes
Activity Guide (print)	1	Educator tool Download and print from webpage
Photo Set (print)	1 set	Educator tool Download and print from webpage
Plastic trays, 12x16"	10	1 per group
Mini soccer nets, feet, balls	10 nets 40 feet (20 sets) 10 balls	1 net per group 4 feet per group (2 sets of feet) 1 ball per group You will need to order 4 multi-piece sets to get enough feet. You will have 14 additional nets and 2 additional balls. If you would like to order additional balls, you can order them here .
Defender figures	40-60	4-6 per group
Masking tape	1 roll	
Challenge Cards (print)	10 sets	1 set per group Download and print from webpage

*Links are suggestions - we encourage you to buy locally!

The materials in **PINK** are used in multiple activities; materials may be shared if activities are not running simultaneously.