

Using the Compass for 8 point direction

CompassDeluxe app

Activity

Students will use the CompassDeluxe app to find the 4 cardinal directions and explore the 8 different directions by pivoting in clockwise anti-clockwise direction.

Objectives


Students should be able to experience locating the directions and how turning in degrees of rotation will it affect where they are facing.

Extensions

Students can explore creating a path navigating through a corridor or play area through some obstacles to reach a certain destination. They can also explore using the additional data such as altitude and temperature. Also find the difference between true and magnetic North.

Have a go



- 1 Launch  and start by locating the North direction.
.....
- 2 Turning in clockwise or anti-clockwise direction, locate the East or West direction.
.....
- 3 Experiment on turning 90, 180, 270 and 360 degrees to determine which direction. Use different starting point and predict direction before turning.

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