

Math by Design
Windjammer Environmental Center Tasks and Subtasks

Get Physically Fit!

Add obstacles to the fitness course in the environmental center by including more tires, cones, and hurdles.

Get Physically Fit! Subtask 1: Place a second set of tires.

Details:

The next three tires should begin in the same arrangement as the first three.

The arrangement is first reflected over the horizontal line touching the bottom tire.

The arrangement is then rotated 180 degrees.

Get Physically Fit! Subtask 2: Place the cones.

Details:

Two cones should be placed at the points with coordinates (11, 11) and (9, 10).

A second pair of cones should be placed so that they are translated two units to the left and four units down from the first two cones.

Get Physically Fit Subtask 3: Place the hurdles.

Details:

Place the first hurdle centered at the point with coordinates (7, 4).

Place a second hurdle translated one unit down from the first.

Place a third hurdle translated one unit down from the second.