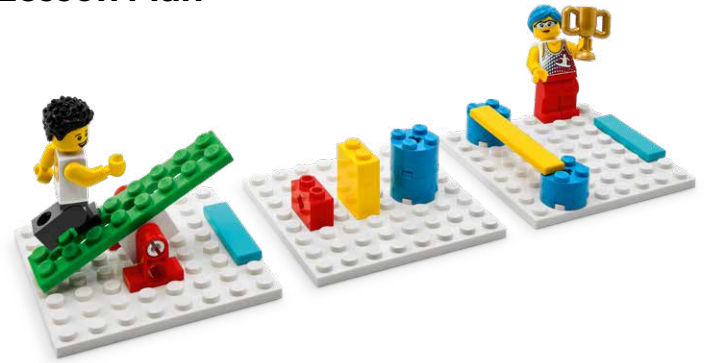


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# Ultimate Obstacle Course

## Lesson Plan



**Build an obstacle course. Explore and describe the motion of a Minifigure as it moves through the obstacles.**

**In this lesson, your pupils will explore how pushing and pulling affects a Minifigure's motion as it moves through an obstacle course.**

🕒 30–45 Minutes

📦 Beginner

🎓 Key Stage 1

### Engage (Whole Class, 5 Minutes)

- Facilitate a quick discussion about obstacle courses.
- Ask questions to start your pupils thinking. Here are some suggestions:
  - What is an *obstacle course*?
  - Have you ever tried an obstacle course? What obstacles did you try?
  - How did your body move through the obstacles? Did it push or pull? Climb over or under? Go through or around?
- Transition your pupils to the building challenge.

### Explore (Individual Work, 20 Minutes)

- Have your pupils work independently to build an obstacle course for a Minifigure. The course should consist of a beginning, middle and end obstacle.
- The Student Worksheet explains the building steps. There are no specific building instructions.
- Your pupils can refer to the pictures on the Student Worksheet for inspiration, or rely on their imaginations.

### Explain (Whole Class, 10 Minutes)

- Ask your pupils to explain how their Minifigures used a push or pull force to complete one of the obstacles.
  - For example, the Minifigure can 'walk' up the ramp on the seesaw obstacle and then push it back down and walk off the other side.

### Elaborate (Individual Work, 10 Minutes)

- Ask your pupils to make an obstacle course at home using pillows, blankets or other household items.

### Evaluate (Individual Work)

- Ask each pupil to give an example of a push or pull force from their everyday life.

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## Student Worksheet

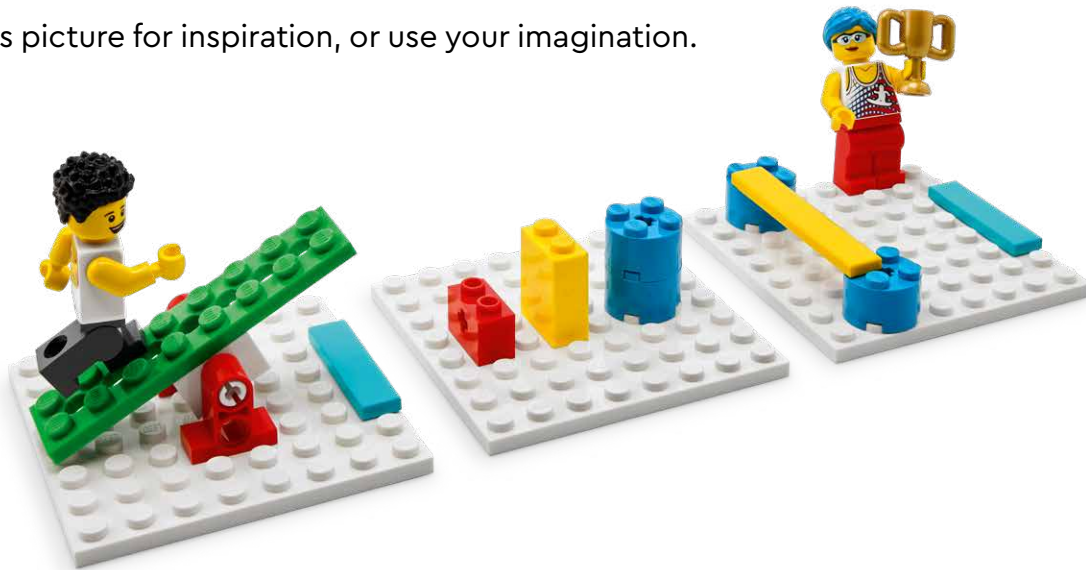
**Build the ultimate obstacle course.**

Choose 3 baseplates



Build 3 obstacles: a beginning, middle and end obstacle.

Use this picture for inspiration, or use your imagination.



Explain how your Minifigure moved through the obstacles.

- Did it push or pull?
- Climb over or under?
- Go through or around?