

Overview: Introduces the idea of repeating multiple actions a specified number of time with the use of Repeat blocks.

### **Warm-up (5-10 minutes)**

Ask students what they remember from last time

### **Work Through Tutorial As a Class (20 minutes)**

- Open the “Repeating with #s” Tutorial

#### **Page 1**

- Have students tap the scripts in the script area at the bottom of the screen.
- What happens with each one? How many times does it do the actions over again?
- Point out the numbers under each repeat block. What do these mean?
- Show students where to find the Repeat blocks.

#### **Page 2**

- Can you make the ball bounce 3 times?
- Students should create programs using the given blocks as a starting point
- Some students may try to connect 6 up- and down- blocks to make this happen. Emphasize that they can do the same thing more easily with the Repeat block.
- Bonus: Students that grasp the Repeat concept right away should try to make the ball go into the hoop after it bounces!

#### **Page 3 - Explore (20 minutes)**

- Have them create their own story with repeating!
- Besides repeats, they should be encouraged to use recently used blocks like “Say”, “Start on Bump”, “Sound”, etc.