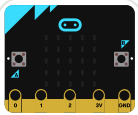


Parts you need



Micro:bit V2
and a USB
cable



Battery pack
with
ON/OFF
switch (to
play
anywhere)

Story 1: Shake for a number

```
on shake
  show number pick random 1 to 6

on start
  show icon [dice icon]
```

Story 2: Roll with a spin

```
on shake
  play spring in background
  show icon [dice icon]
  show icon [dice icon]
  show icon [dice icon]
  show number pick random 1 to 6

on start
  show icon [dice icon]
```

Story 3: Rock, paper, scissors

```
Story 3: Rock, paper, scissors. hand remembers the choice; if and else if show its picture.

on shake
  set hand to pick random 0 to 2
  if hand = 0 then
    show icon [rock icon]
  else if hand = 1 then
    show icon [paper icon]
  else
    show icon [scissors icon]

on start
  show icon [dice icon]
```

Story 4: Count your sixes

```
Story 4: Count your sixes. Every 6 makes a happy sound and counts; button A shows how many sixes you rolled.

on shake
  set roll to pick random 1 to 6
  show number roll
  if roll = 6 then
    change sixes by 1
    play happy in background

on button A pressed
  show number sixes

on start
  show icon [dice icon]
```