

Micro:bit challenge 3

A six sided die

Program the micro:bit to work as a six sided die*

A random number should appear when you roll the die

Screenshot your program

Write about it

*die is the singular of dice. So, it's one die and two dice

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You'll need:

- a **Shake** block from the Input section
- a **Show Number** block from the Basic section
- a **Pick Random** block from the Math section



Pick Random goes **inside** Show Number

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Extend:

It doesn't need to be a six sided die

- make the die a 4-sided, 8-sided, 10-sided or 20-sided die instead
- make the number display on the screen for two seconds and then blank the screen