

Lesson 5: Designing a step counter

Computing

Sensing

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Materials from the Teach Computing Curriculum created by the National Centre for Computing Education



Design questions

1. What inputs will there be?
2. What variable will you need?
3. When will the variable be changed?
4. When will the variable be displayed?
5. When will a condition be used?



Taks 1 - Step counter design

Task

To make a motivational step counter which can capture and display the number of steps you have taken. It should encourage you to keep going and congratulate you when you're doing well.

Variables

What will be displayed?

Circle which you will use.

Text Numbers Images

Describe them below



Taks 1 - Step counter design

Algorithm

Program flow

