Check the specs

You will be provided with a **handout** containing the ‘specs’ (specifications) of a range of computing systems. This is a list of hardware components and technical characteristics.

 Task .

Different computing systems have different configurations. **Standard characteristics in one computing system might not be present in another.**

Go over the specifications in the handout and complete the table with tick marks (✓) wherever a characteristic is present in a specification. As an example, the “Desktop” column has already been filled in for you.

**Note:** The information in the right-hand column of the specifications is not important in this task. We are only interested in the **presence** of each characteristic.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Desktop | Laptop | Mobile | Raspberry Pi 4 | micro:bit | Rover |
| Processor | ✓ |  |  |  |  |  |
| Memory | ✓ |  |  |  |  |  |
| Storage | ✓ |  |  |  |  |  |
| Communication | ✓ |  |  |  |  |  |
| Graphics processor | ✓ |  |  |  |  |  |
| Input and output |  |  |  |  |  |  |
| Connections | ✓ |  |  |  |  |  |
| Weight |  |  |  |  |  |  |

What are the components that are present in every one of these computing systems?

|  |
| --- |
|  |

 Explorer task .

The computing systems in the handout range from a typical desktop, to a tiny computer, to a space rover. However, the categories in the specs (the left-hand column) are surprisingly similar.

What conclusions can you draw from this observation?

|  |
| --- |
|  |

This resource is licensed under the Open Government Licence, version 3. For more information on this licence, see [ncce.io/ogl](http://ncce.io/ogl).