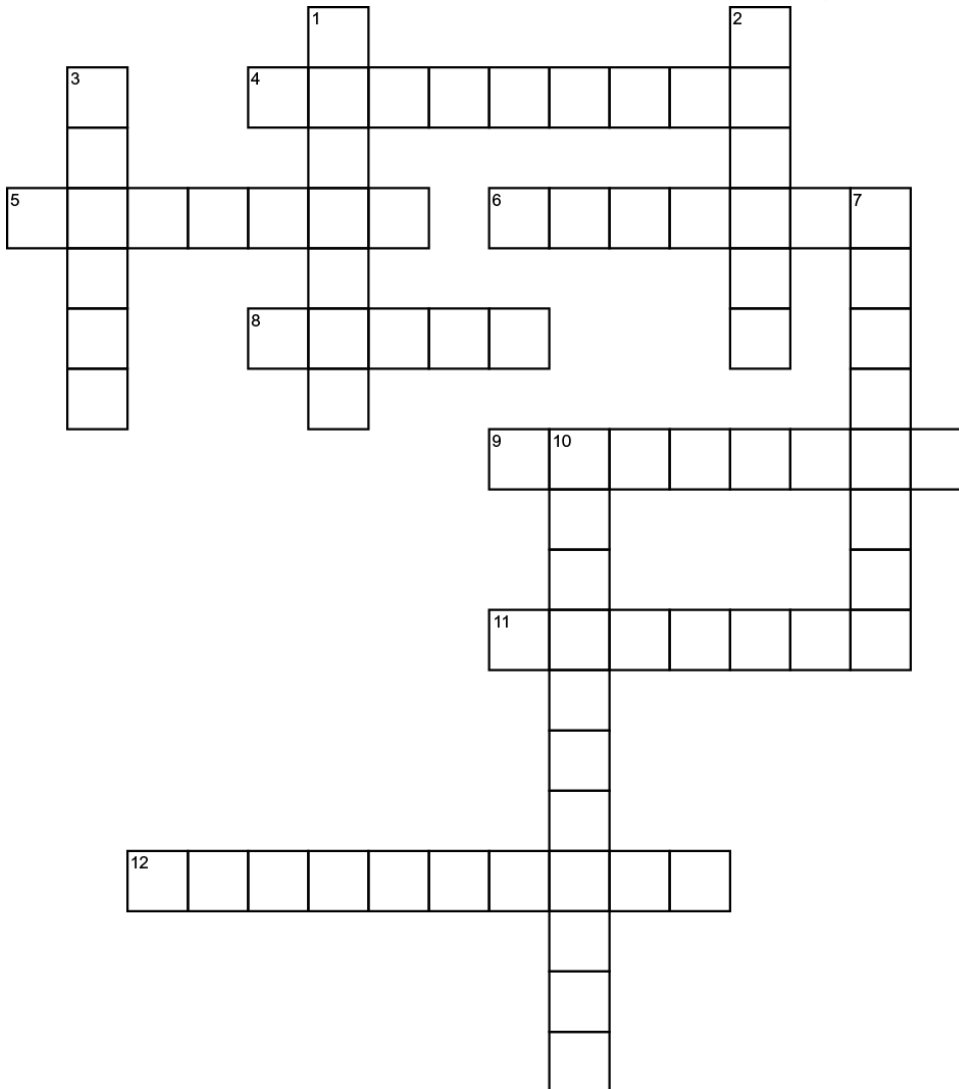


Activity 1

Operating systems

What is an operating system?



Across

- 4** This is the part of the operating system that allows the user and the computer to communicate with each other.
- 5** Pieces of software that allow an operating system to communicate with peripheral devices.
- 6** A series of the most widely used desktop operating systems, made by Microsoft.
- 8** This open source, Unix-like operating system was originally made by Linus Torvalds.
- 9** The OS handles the communication to and from this, often using *5 Across*.
- 11** A small program that often comes with the OS,

which usually performs a task to help with the upkeep of the system.

- 12** A program that converts program code to machine code. Examples include compilers and interpreters.

Down

- 1** This mobile OS is made by Google and its *3 Down* is based on *8 Across*.
- 2** The OS manages this, ensuring enough is allocated to each application being used.
- 3** This is the core part of the operating system, which manages *9 Across*. It is the first part to be loaded into *2 Down*.
- 7** The OS looks after this, protecting data. One way it does this is through usernames and passwords.
- 10** Making things simpler to understand or use by hiding away the complex details. An operating system does this through an API (Application Program Interface).