

ACTIVITY TITLE:

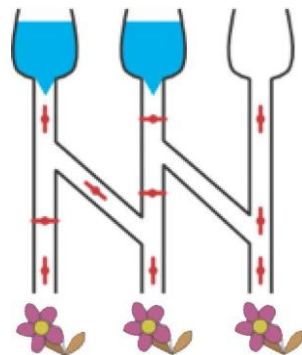
It's Computational Thinking!



BOOT UP:

The diagram shows how a watering system is connected. The system consists of tubes and valves. Open and closed valves are shown in the diagram by the direction of the switch. Water only flows through open valves.

Which flowers (if any) will receive water when the valves are in the positions shown below:



Open valve

Closed valve

TEACHERS – WANT TO KNOW MORE?

Bebras (www.bebas.org) is an international online motivational challenge aimed at introducing students of all ages to computational thinking and computer science.

The word 'Bebras' is a direct translation of 'Beaver', the star of most Bebras tasks!

The challenge consists of fun and engaging short questions called Bebras tasks. These tasks can be answered without prior knowledge of informatics concepts. Bebras teaches schoolchildren that computational thinking is an integral part of solving problems in daily life.

NEXT STEPS:

This taster-challenge is an example of a typical Bebras task for primary schoolchildren. Go to the Primary **Resources** section of the Tech Week website www.techweek.ie and take part in the free Tech Week Computational Thinking Challenge, which runs as a Tech Week activity too.

The ICS Foundation will run a national [Bebras challenge](#) during November 2-13, 2020.

FINAL STEP!

Activity Hosts - Don't forget to register your class activity on the events section of www.techweek.ie.

