

ACTIVITY TITLE:

Logic Puzzles

BOOT UP:

A logic puzzle is basically a description of an event/gathering/contest, where you have to use the clues provided, to piece together what actually happened. This involves logical thinking and breaking the problem into smaller pieces.. Computers often work in the same way, logical thinking is computational thinking!

LOADING...

Each logic puzzle is made of a list of clues and a grid like the one you see here below. The purpose of the grid is to represent the relationships between every possible combination of every item. Five children are on the list to use the class computer. Find out who the first, second, third, fourth and fifth student was on the list. Use the clues given to allocate time slots by using a **process of elimination**. Draw an ✓ in the right time slot, the first one is done for you.

	12:00	13:00	14:00	15:00
JOE				
KIM				
AMY				
BOB				
SARAH	✓			

CLUES

- Sarah has the first slot.
- Joe's slot is after those of Kim and Bob.
- Bob's slot is before Kim's.
- Amy's slot is after Joe's.



ACTIVITY HOSTS

Objective: Use computational thinking techniques such as decomposition to solve problems.

Try more puzzles here: <http://www.logic-puzzles.org/>

FINAL STEP!

Activity Hosts - Don't forget to register your activities on www.techweek.ie.

