



Searching

Lesson Plan: Class 04 / ALG / 04



Overall goal of the lesson: Children will learn the concept of linear search.

Prior knowledge required:

MODULE 1:

Module time: 35 X 1 minutes

Goal: To understand the concept of linear search using a game.

Description: Children will learn understand the concept of searching.

Material required:

Physical:

1. One copy of the worksheet per child.
2. Writing material to solve the worksheet: pencil and eraser.
3. A world map (optional)

Electronic:

PPT Presentation

Procedure Summary:

1. Run through the presentation
2. Do all the activities that are in the presentation
3. Distribute the worksheets
4. Let children try to solve them in class and help them with the answers

Procedure Details:

The PPT is self-explanatory. Extra examples can be provided for linear searching:

- Searching through countries of a world map – what is the best way to search? Can hints of continents help in searching? Try these:
 - o Chile (hint: South American continent)
 - o Canada (hint: North American continent)
 - o United Kingdom (hint: European continent)
 - o China (hint: Asian continent)
 - o Australia (hint: Australian continent)

Questions to ask:

- When you search for a book in a stack of books, do you read the title of every book first? Or do you look at the colour and remember? Which is faster?
- Go to a nearby forest over the weekend and look for a bird sitting in a tree. How do you locate the bird? The bird is hidden in the tree (camouflage). But, you can search for it, by looking carefully, and seeing things which are different from the leaves – that can be the bird!