



## Find the Colours



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The purpose of this activity is to allow students to repeat the recognition of colors. They program the robot to move on to different colours.

This activity focus on the students ability to:

- Calculate and create own algorithms.
- To cooperate - Provide and receive precise instructions.
- Direction.
- Colors in different languages e.g. Danish, Spanish or English

### Progress:

In this activity students put coloured cards under the transparent mat. Explain to students that the Blue-Bot I going to learn the colours (rehearse the colours) and you are going to help them.

Let the students work in small groups with the Blue-Bots each group on their own mat.

There are many options for training languages and programming. For example, do:

- Use pre-printed cards, e.g.: "Find the colour blue"
- The students draw the algorithm they want to make
- Ask questions like: If the Blue-Bot moves 2 steps forward / left / right / back, what colour is...?
- Say the colours the Blue-Bot drives on.
- Create a pathway where you pass these colours

### What type of resource is this?

### Picture:



### Resources required:

- A set of Blue-Bots
- Clear vinyl cover with pre-drawn squares 15X15 cm.
- Coloured cards
- Cards with different tasks
- ...

Estimated time: 20 - 30 minutes