



Enjoying coding

Lesson Plan

Title: DOT CODE

Class: 1-6 Primary

Description

Coding with letters. We introduce a new alphabet. Letters are coloured dots.

Each pupil codes his name. We try to decode other names.

We show our code to EU partners and they have to break the code.

Knowing how to translate ideas and code words is an expression of creativity and encourages responsibility and an active role of the individual.

Challenge

1. Secret code creation
2. Code cracking (classmate's codes)

Objectives

Code and code breaking.

Activate students' natural curiosity about secrets and secret codes.

Allow students time to practice their skills at decoding messages.

Materials needed

Paper and color pencils

Timeline

One school hour.

Verification

Check if they write their name correctly. Ask them to decode other student's name to practice.

Others

1st course has more problems because they are not so familiar with the letters so for them is easy to code than to decode. For older kids it's a great start to introduce cryptography.

