

Tech-IT - Binary Beads

Summary

Project

:

In this project you will use colored beads representing 1's & 0's to create a key ring holder with your initials written in binary.

Background:

All computers operate on a binary number system. That is a number system that is represented by 0 and 1. In a computer, which is electronic, everything is stored in millions or "switches" which are either "On" or "Off". When the switch is "On" it is represented by a 1. When it is "Off" it is represented by a 0.

There are 10 numbers (0-9) in the number system we use everyday. A number system based on 10 numbers is called a decimal system. The number system based on only 2 numbers (0-1) is called the binary number system.

Time Frame

1 class periods of 45 minutes each

Group Size

Small Groups

Life Skills

Aesthetics, Thinking & Reasoning, Communication, Systems Thinking

Background for Teachers

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Instructional Procedures

Project

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