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Free Resource Friday

Printable Introduction to Blockly



Blockly

Take on coding challenges and make your own programs using Blockly's block-based coding interface. Programming lets you turn your silliest or most ambitious ideas into reality.

Access Blockly on the web at code.makeswonder.com

Teachers can track student progress through the Blockly puzzles by logging on at portal.makeswonder.com

How programs work in Blockly

Start with the puzzles to learn about how Blockly works!

Start - connect your first block to the start state. If nothing is attached, nothing happens when you run your program.

Loops - you can put blocks inside of a control block to make a loop! In this case, the blocks inside repeat until there is an obstacle in front.

Block Drawer - select your category and then drag out the blocks you want to use in your code.

Visual input interfaces help guide children in concepts like angles, time, speed, and distance.

Just getting started teaching kids to code?

Have a colleague who is new to teaching coding and robotics?

Here's an introduction to Blockly that explains how to get started with Dash and also walks you through all of the Blocks and how to use them.

This packet also includes instructions for how to create new programs, record sounds, and use coding concepts like variables and loops.

Download Blockly Guide

Next Webinar: Feb. 7