Code.org

Learning Computer Programming
By making games!

Getting Started

1. Open Chrome
2. Log-on to your “google” account
3. In a new window go to

STUDIO.CODE.ORG

Sign in with Google

Have an account already? Sign in

Email

Password ••••••••••• Forgot your password?

Sign in

Remember me

Haven't joined yet?

Create an account

Sign in with Google Account

Sign in with Facebook

Sign in with Microsoft Account

Want to try coding without signing up?

Star Wars

Learn to program droids, and

Minecraft

Program animals and other

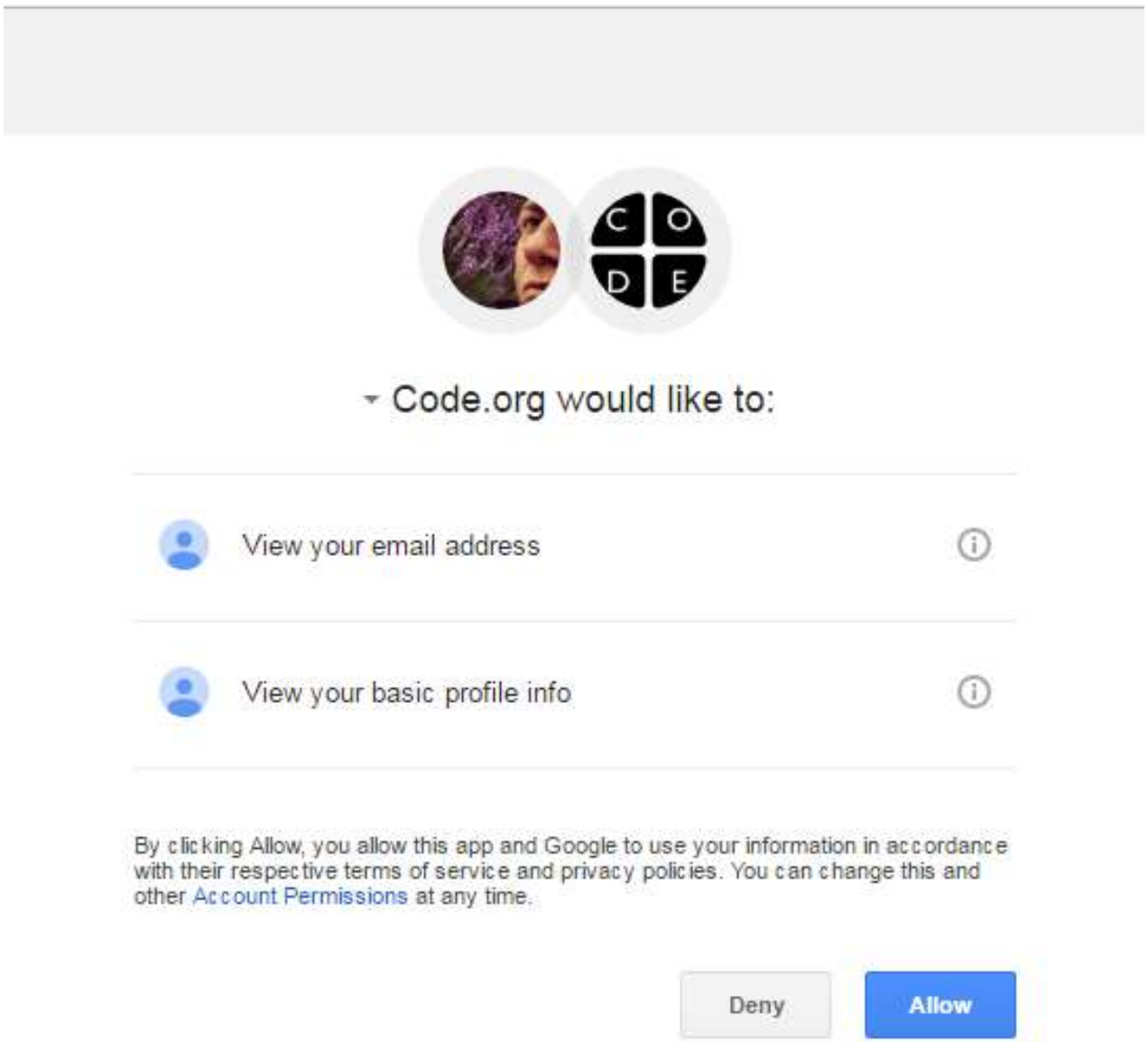
Frozen

Let's use code to join Anna and

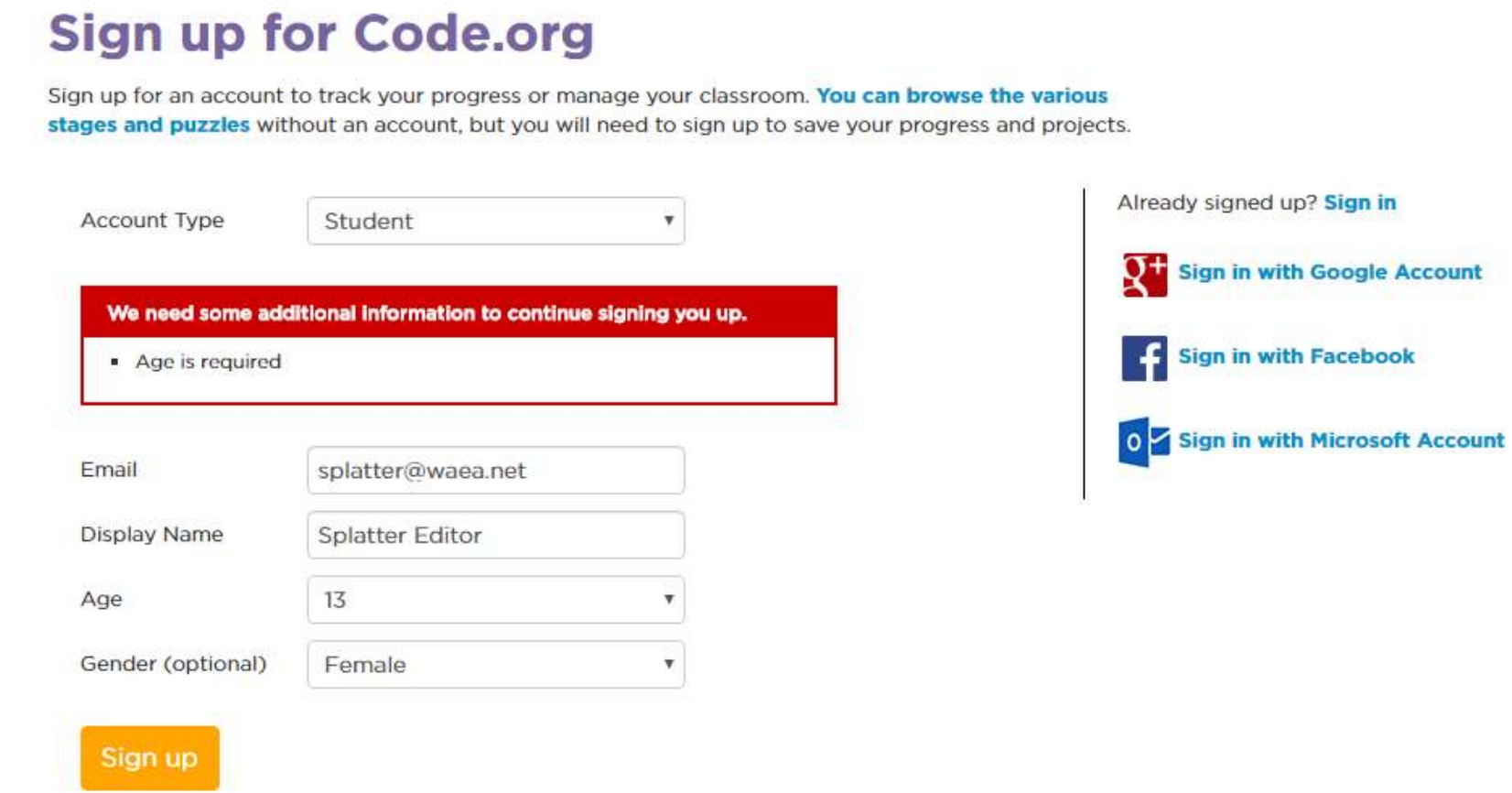
Classic Maze

Try the basics of computer

Allow


Code.org would like to:
View your email address
View your basic profile info
By clicking Allow, you allow this app and Google to use your information in accordance with their respective terms of service and privacy policies. You can change this and other Account Permissions at any time.
Deny
Allow

Add account type “Student” and age



Pick a unit based on your skills and interests

Welcome back, Splatter Editor

Try a Code Studio course by choosing one below

20 hour courses for
Computer Science Fundamentals (all ages)

Course 1

Start with Course 1 for early readers.

Ages 4-6

Try now

Course 2

Start with Course 2 for students who can read.

Ages 6+ (reading required)

Try now

Course 3

Course 3 is a follow-up to Course 2.

Ages 8-18

Try now

Course 4

Students taking Course 4 should have already taken Courses 2 and 3.

Ages 9-18

Try now

Accelerated Course

Learn basic computer science in an accelerated version of courses 2-4.

Ages 10-18

Try now

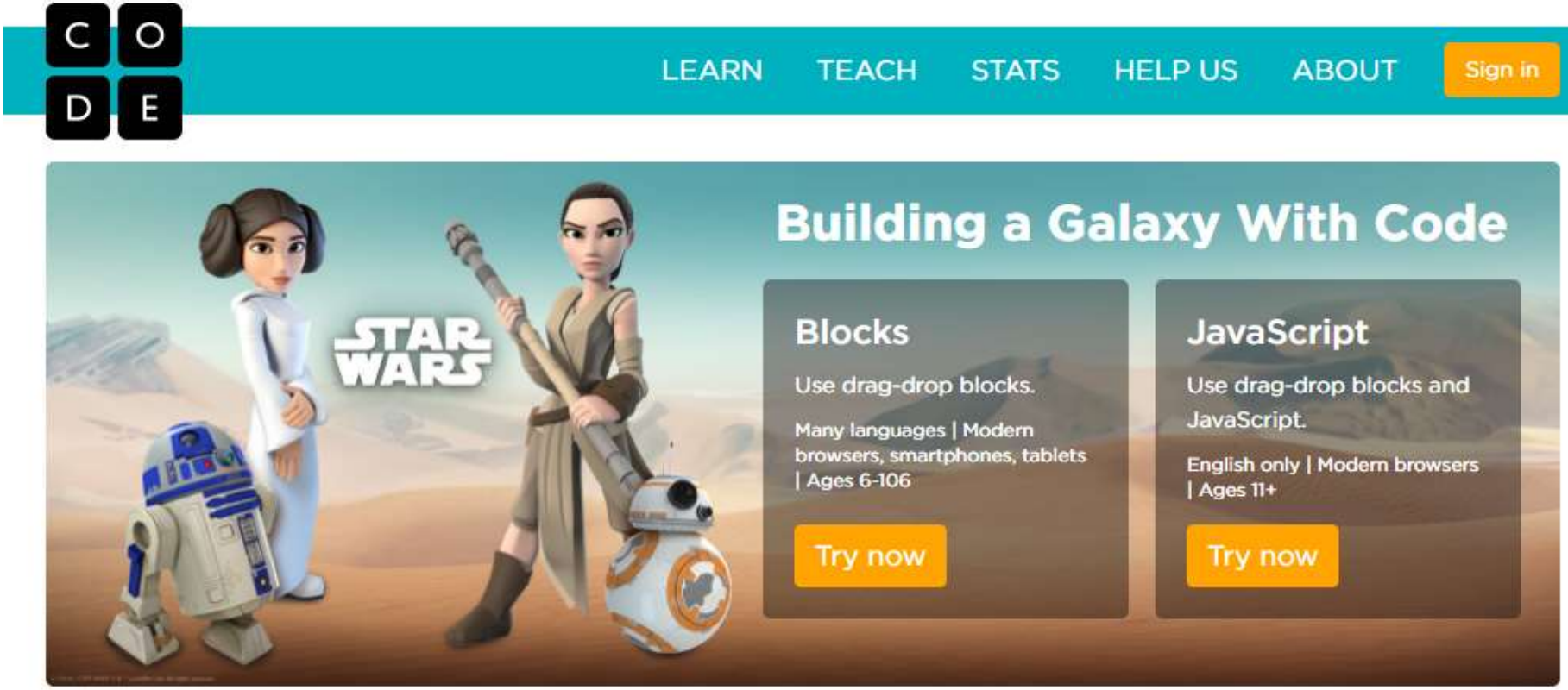
Unplugged Lessons

If you don't have computers, try these unplugged lessons in your classroom.

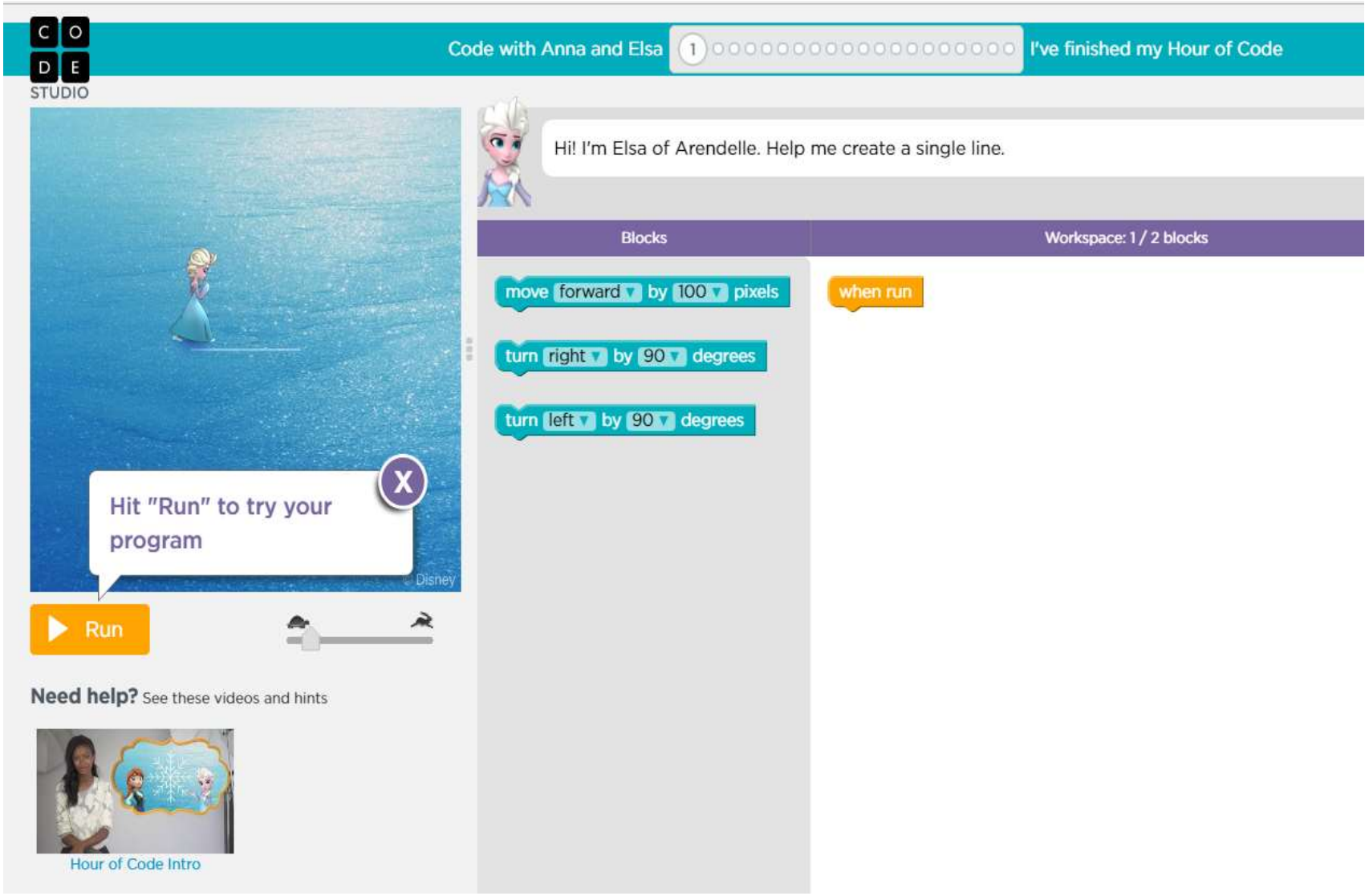
Ages 4+

Try Now

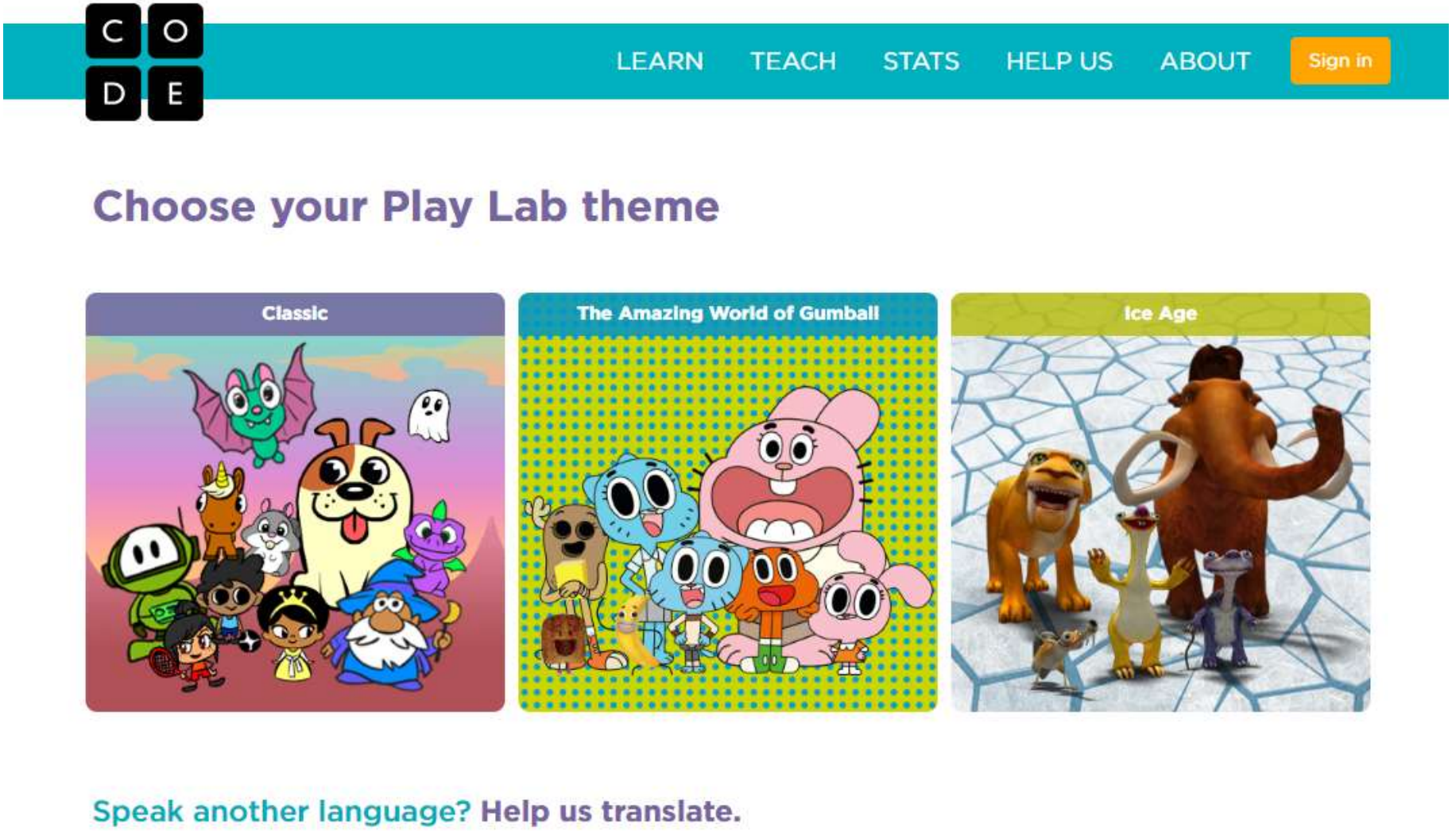
Star Wars (Easy)



Frozen (Easy)


CODE STUDIO
Code with Anna and Elsa
1
I've finished my Hour of Code
Hi! I'm Elsa of Arendelle. Help me create a single line.
Blocks
Workspace: 1 / 2 blocks
move forward by 100 pixels
turn right by 90 degrees
turn left by 90 degrees
when run
Hit "Run" to try your program
Disney
Run
Need help? See these videos and hints
Hour of Code Intro

Play Lab (Easy)



Infinity Play Lab (Easy)

Infinity Play Lab

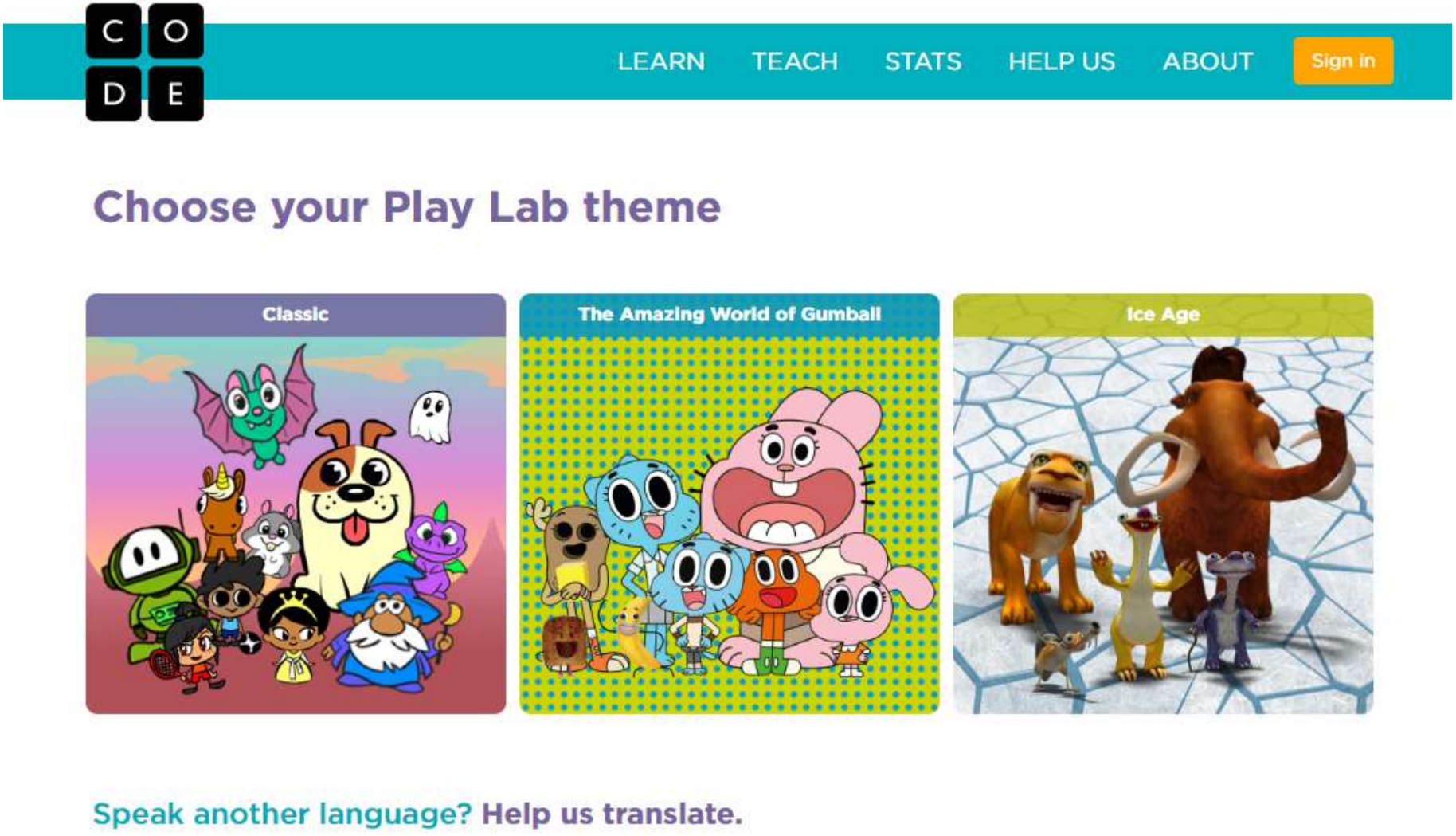
Code.org

Grades 2-8 | Blocks

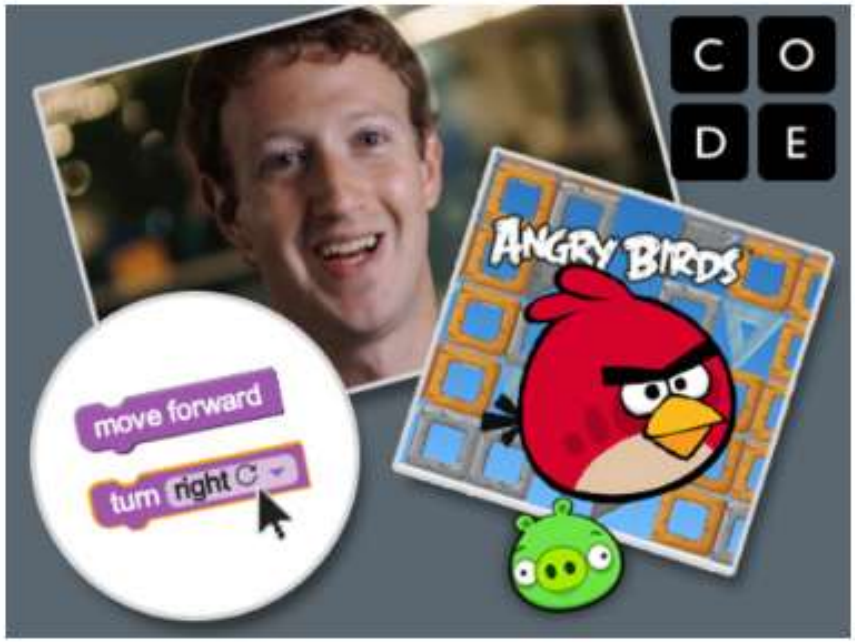
Use Play Lab to create a story or game starring Disney Infinity characters.

Start

Option 3 Play Lab (Easy)



Classic (medium)



Includes Angry Birds and Plants VS Zombies

Write your first computer program

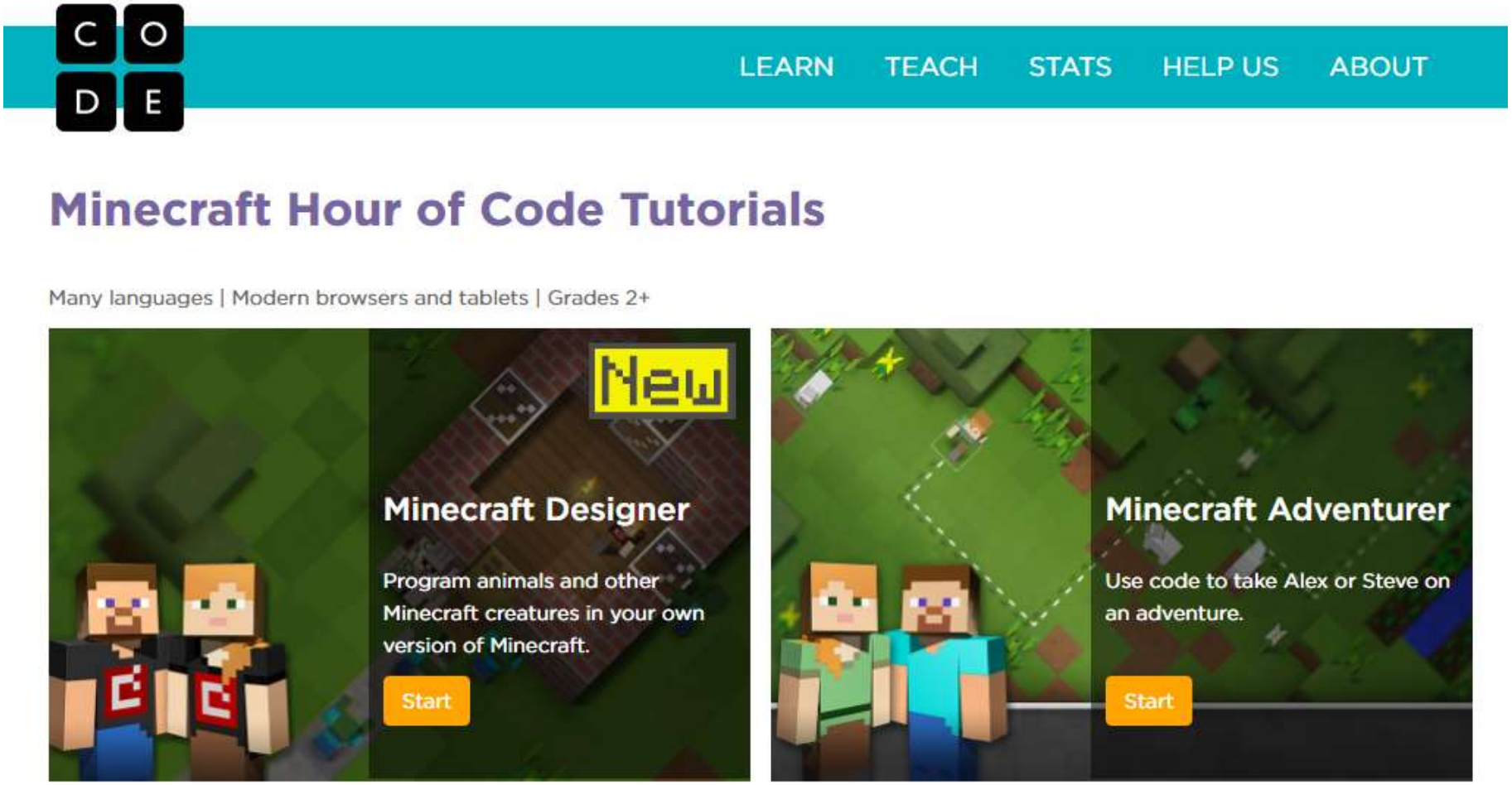
Code.org

Grades 2+ | Blocks

Learn the basic concepts of Computer Science with drag and drop programming. This is a game-like, self-directed tutorial starring video lectures by Bill Gates, Mark Zuckerberg, Angry Birds and Plants vs. Zombies. Learn repeat-loops, conditionals, and basic algorithms. Available in 37 languages.

Start

Minecraft (medium)

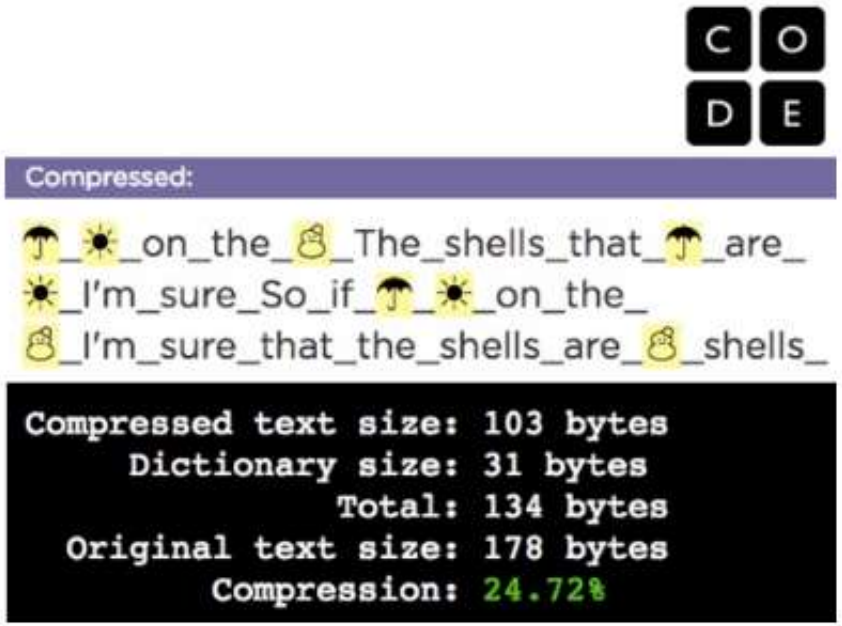


The Artist (medium)

Artist

Grades 2+ | Blocks

Text Compression (Advanced)



Text Compression

Code.org

Grades 9+ | Language independent

At some point we reach a physical limit of how fast we can send bits, and if we want to send a large amount of information faster, we have to find a way to represent the same information with fewer bits - we must compress the data. In this lesson, students will use the Text Compression Widget to compress segments of English text by looking for patterns and substituting symbols for larger patterns of text.

Start

Are you stuck?

Reread the directions

Reset

Hi, I'm a farmer. I need your help to flatten the field on my farm so it's ready for planting. Move me to the pile of dirt and use the "remove" block to remove it.

See the solution

Need help? See these videos and hints

Farmer Intro

Watch the Video Again

Blocks | Assemble your blocks here: 3 / 6 | Show Code

move forward

turn left

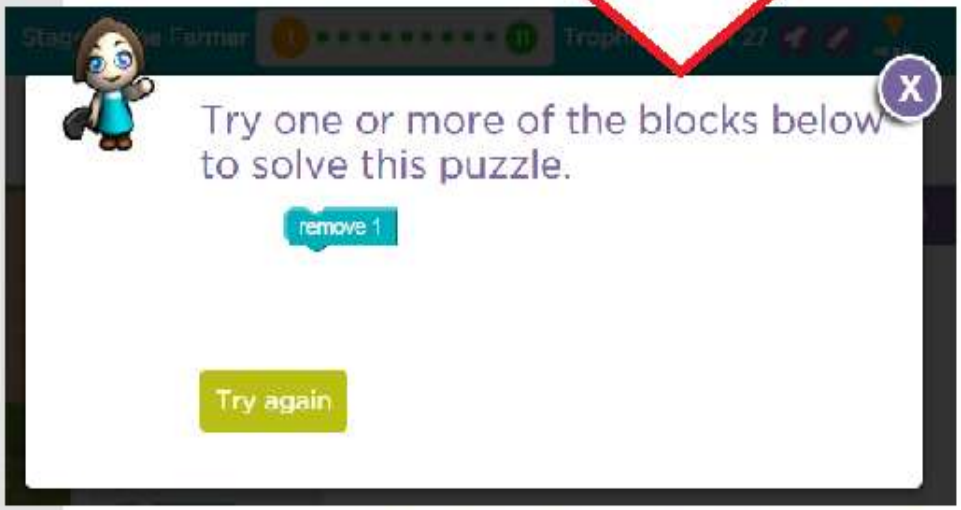
turn right

remove 1

when run
move forward
turn right

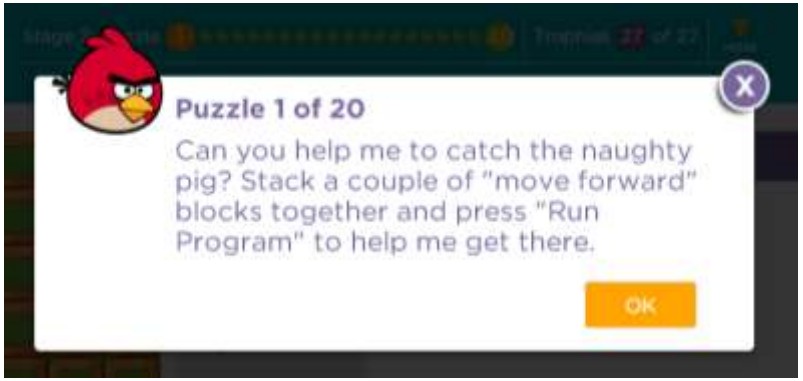
Try different combinations

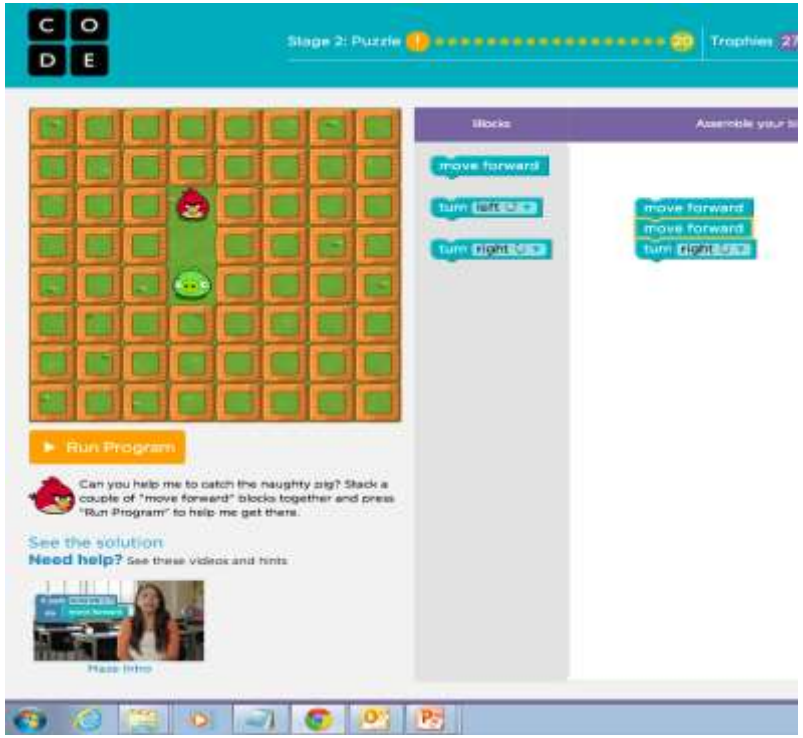
read the hints



If all else fails, ask an elbow partner for help!

Next Begin Puzzles





- **Read the Puzzle Directions**
- **Move the blocks**
- **Run the program**
- **READ the pop-up box if you get it wrong for hint on getting it right!**
- **Review “Show Notes” Or re-watch the videos if you are stuck!**