Lego Mindstorm: Lesson 3

Let's recap!

What have we made the robot do?

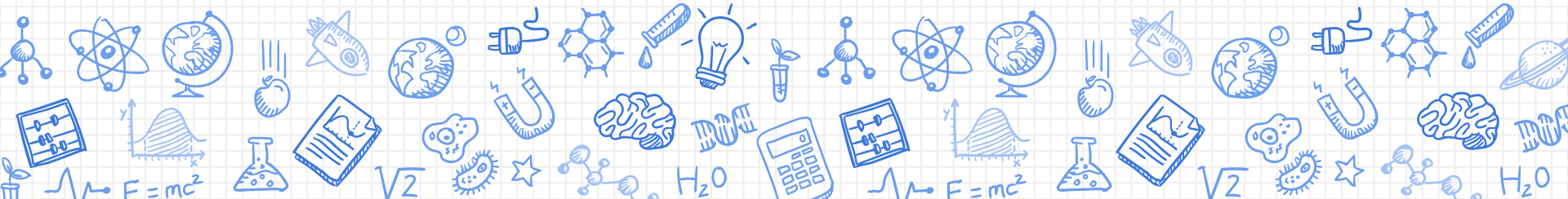How have we done this?

Did you know...
CS Changes the World!

× **Changing lives** through the creation of technology to aid the disabled

Isabella's 3D-printed arm by Enabling the Future

What did we do last time?

What code allowed us to do it?

If-else statement

An if statement is a programming
conditional statement that, if proved true,
performs a function or displays information.
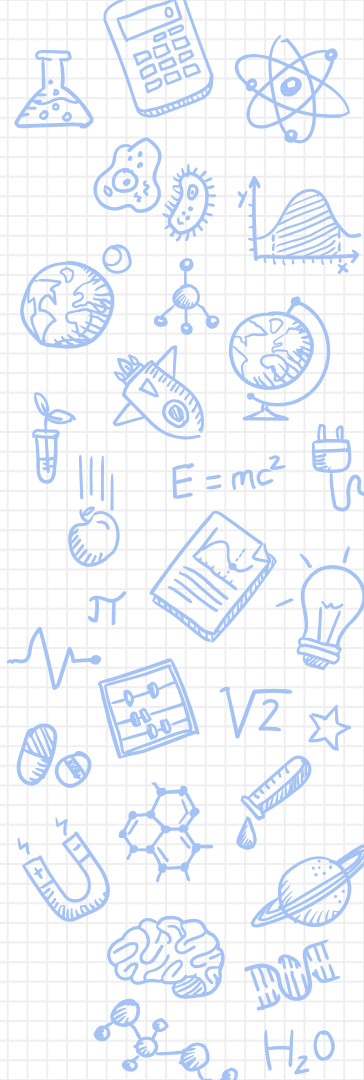
Goals for the Day

Learn about if-else statements

✘ What do they do?

✘ How can they help us write code?
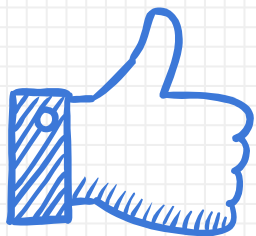
Learn about the color sensor

✘ Why would we need a color sensor?

✘ How could the robot use the color sensor?

Make it work on simulator and robot

We use the simulator first to test, then try it on the robot and see if it gives the same result. This saves time and stress!

Let's do it!

Any questions?

Rules:

✘   Stuck? Ask a mentor!

✘   Work together!

✘   Take care of the robots.

Credits

Special thanks to all the people who made and released these awesome resources for free:

- ✘ Presentation template by <u>SlidesCarnival</u>
- ✘ Photographs by <u>Unsplash</u>