

# Kano Kits: Lesson 3

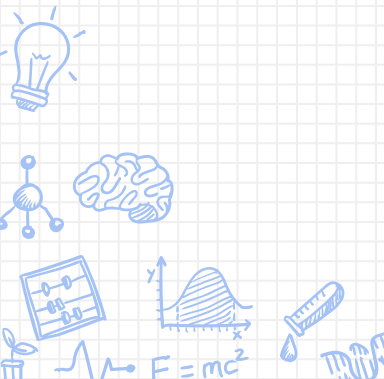


A collection of hand-drawn blue icons in the top-left corner, including a molecular structure, a globe, a lightbulb, a rocket, and the chemical formula  $H_2O$ .

# Good morning!

## Discussion:

Tell me one thing you remember from last time

A collection of hand-drawn blue icons in the bottom-left corner, including a lightbulb, a brain, a graph, a rocket, and the equation  $E=mc^2$ .

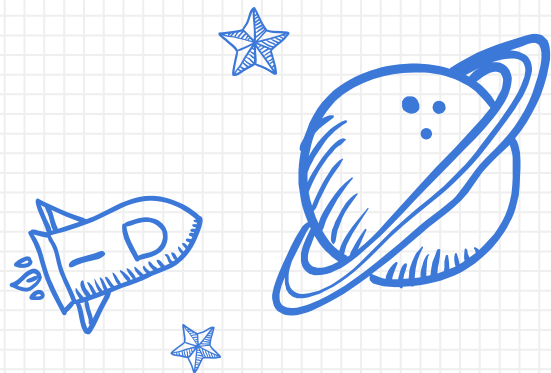
# CS Changes the World: Surgical Robots

- Surgeons can see better
  - magnified, 3D view
- Surgery can do more things
  - Tasks that were impossible before aren't anymore!
- Patients recover faster
  - Surgery performed through small incisions



Source: [www.mayoclinic.org](http://www.mayoclinic.org)





# Programming languages

A stored program is a series of instructions stored in a computer's memory.



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## Goals for the day

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### Understand programming languages

Learn about programming languages and how they help a computer understand.

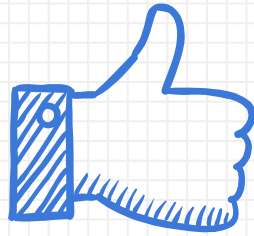
### Make art using CoffeeScript

Complete 5 challenges using our Kano Kit to practice writing code while also making cool pictures.

### Start thinking of a picture to make for next time

Next time you will coding your own design using the Kano Kits and CoffeeScript!





# Let's code!


## Rules:

- ✗ Stuck? Ask a mentor
- ✗ Take care of the kits



- ✗ Presentation template by SlidesCarnival
- ✗ Photographs by Unsplash

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# CS CHANGES THE WORLD