**P6: How to Teach Computers to Recognize Things S1**

***Materials required:***

* Laptop with Internet
* Tablet with camera

***Agenda:***

* Warm Up: What is A.I., Why and How?
* Train A.I. to clean the ocean (<https://studio.code.org/s/oceans/lessons/1/levels/2> )
* Video learning of training data and bias (L5).
* Train A.I. to clean the ocean: Using Training Data for type of fishes.
* Video learning of A.I. in our society (L7).
* Train A.I. to learn new word (subjective word)

***Discussions:***

Based on what you saw in the first video, what is machine learning?

How do you think your training data influence the results that A.I. produced?

How could biased data result in problems for artificial intelligence? What are ways to address this?

Why does A.I. always have biases?

What is a problem you care about that artificial intelligence could help to solve?