



# Learn to program on phone with Pocket Code

## Lesson 1: My Sprite Speaks

## About CEL

Code to Enhance Learning is nonprofit uses coding as a tool to build critical thinking, creativity, collaboration and perseverance in children in grade 4-9.



# Lesson 1

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## My Sprite Speaks

## Objective:

We will make a character tell the steps to wash hands.



# Program:

I will tell computer and it will follow me. Let's see what happens?

Computer! Switch off!

Computer! Play a song!



The instructions that a computer can understand to complete a given task is called **Program**. Program is also called a Code or a Script.

So, today we will learn to write programs!

# Pocket Code

## What is Pocket Code?

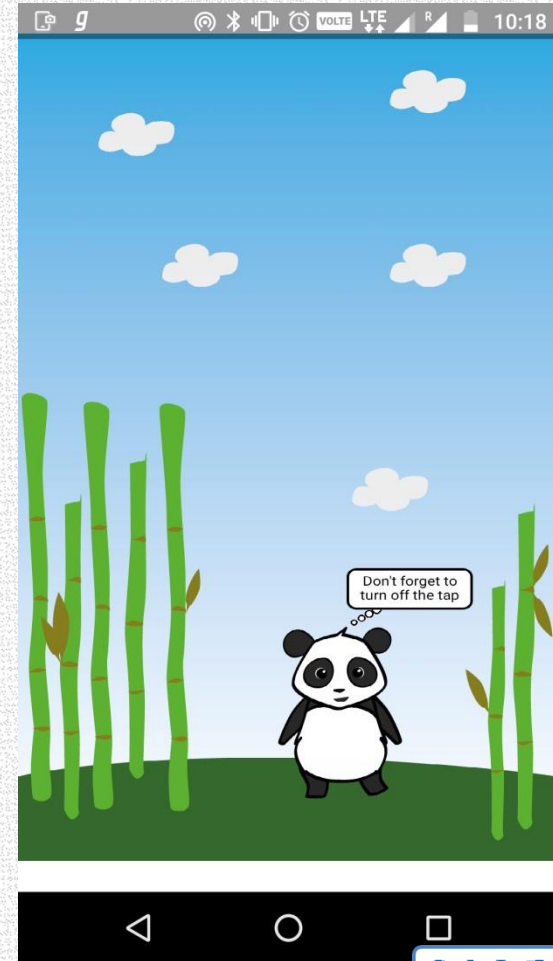
Pocket Code is a block based programming language which works on phones

## What is Pocket Code used for?

Pocket Code is used to make games, animations and applications.

## Why should we learn to write programs?

Programming helps you to think, be creative and builds other relevant skills. It is one of the important skill in the current digital world.





# Sequence



Sequence means in proper logical order.



**A boy and a girl**



Can you think of one example of sequence?



Let's share the response.

# My Sprite Speaks: (Teacher Models)

Let's do abstraction (i.e. to write important details) to understand the project better and make it simpler

1) What will happen on the stage?

➤ When the panda is tapped, it will tell the steps to wash the hands in text and with audio

2) What sprite and backdrop will be needed on the stage?

Sprite Panda



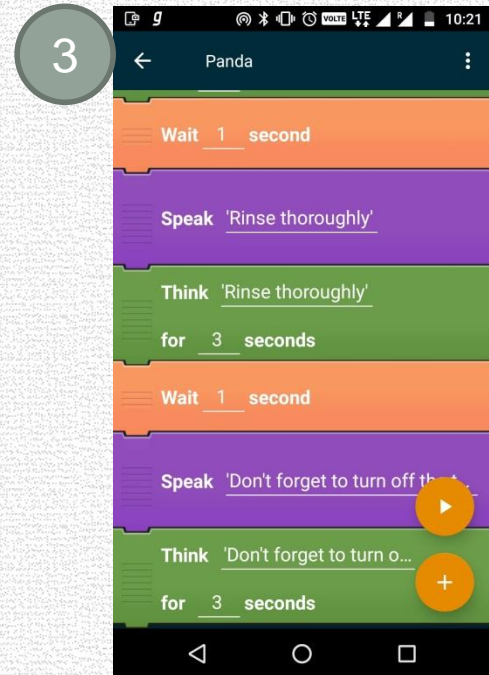
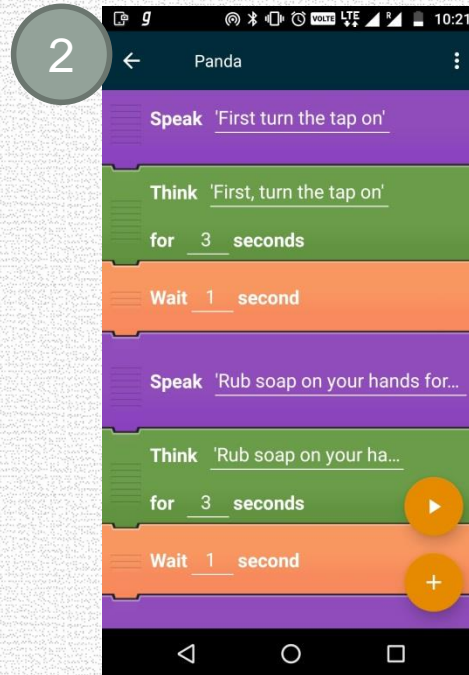
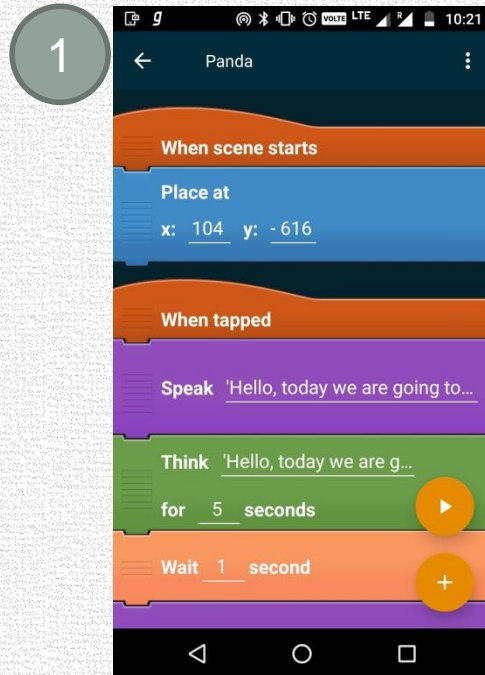
Backdrop winter





# My Sprite Speaks: (Teacher Models)

Let's make the project and write codes for the sprites...



# Recap of Pocket Code

1. Sprite
2. Background
3. Scripts
4. Block Categories
5. Run the project



# Quick Quiz

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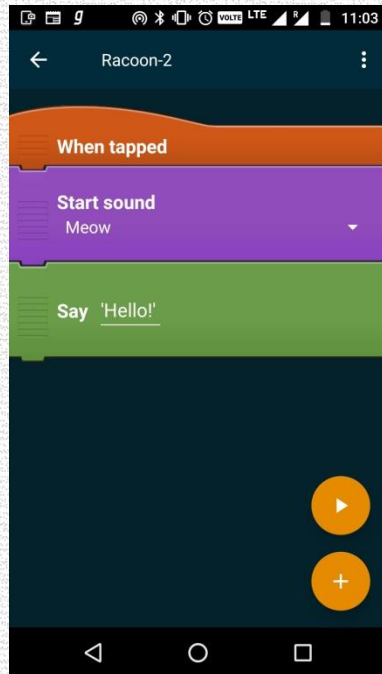
# Quiz:

1. What is Sequence?

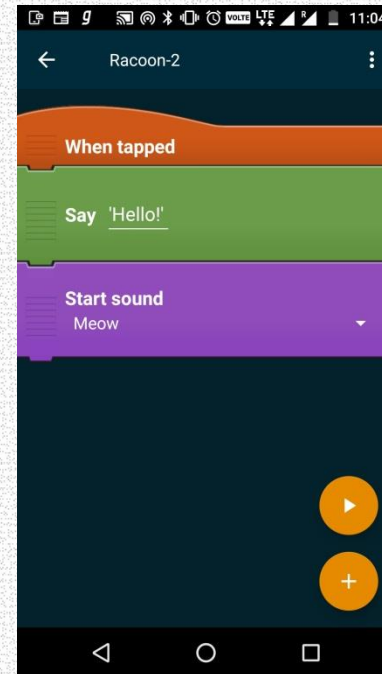
# Quiz:

2. In a application we want to say hello and play the sound of meow when the a character is tapped. Which of the following code do you think is correct?

A



B



## Closing:

- What did we do today?
- What is one thing that you liked in the class the most?
- What did you learn?



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Website: [www.codetoenhancelearning.org](http://www.codetoenhancelearning.org)