



**THE  
EDUCATION  
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FOR EXCELLENCE IN MIAMI-DADE PUBLIC SCHOOLS

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# Ideas with **IMPACT**



**idea packet**

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**Coding for  
Non-Readers**

# CODING FOR NON - READERS

BY

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# What is needed



iPad Stand

Coding with Awbie or Coding Jams

iPad



Here's where we begin: Click here to select or create a new profile.

Click here to start playing

Click here for instructions on how to play

# Understanding the Blocks

Move up



Move down



Move right



Move left



1.

2.

3.

4.

Choose the tiles that shows the path that Awbie will take.

1.

2.

3.

4.

5.

# Osmo Coding Jam



## “Paw Print”

### Created by:

Breakmaster Cylinder

### Difficulty:

Easy

**Teaches:** Loops  
Quantifiers Subroutines



### What You'll Need:



400

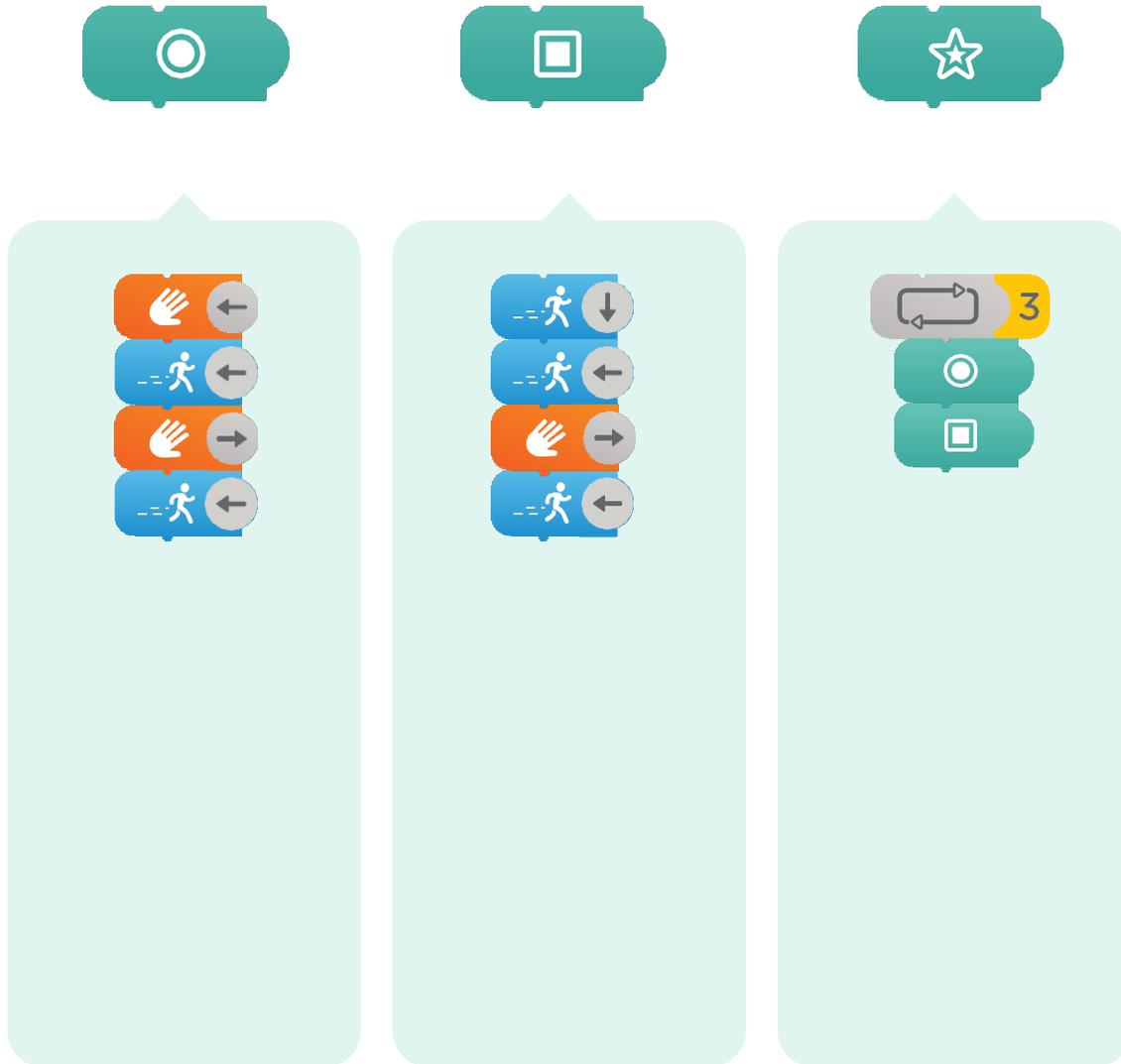
Chord Machine



### Characters Needed:



1. Create your subroutines:



2. Create your drums:





1. Create your subroutines:



2. Create your drums:



# Melody

1. Create your subroutines:

Three subroutines are shown, each with a unique icon in a teal header block:

- Subroutine 1:** Header with a circle icon. Body contains four blocks: a red block with a person icon and right arrow, a blue block with a person icon and left arrow, a blue block with a person icon and down arrow, and a red block with a person icon and up arrow.
- Subroutine 2:** Header with a square icon. Body contains four blocks: a red block with a person icon and right arrow, a blue block with a person icon and left arrow, a blue block with a person icon and down arrow, and a red block with a person icon and down arrow.
- Subroutine 3:** Header with a star icon. Body contains three blocks: a grey loop block with a yellow '3' on the right, a teal block with a circle icon, and a teal block with a square icon.

2. Create your melody:

A melody sequence is shown with three stacked blocks:

- Block 1: A purple block with 'z<sup>z</sup>' and a yellow '3' on the right.
- Block 2: An orange block with a hand icon, a grey down arrow, and a yellow '3' on the right.
- Block 3: A teal block with a star icon and a yellow '2' on the right.

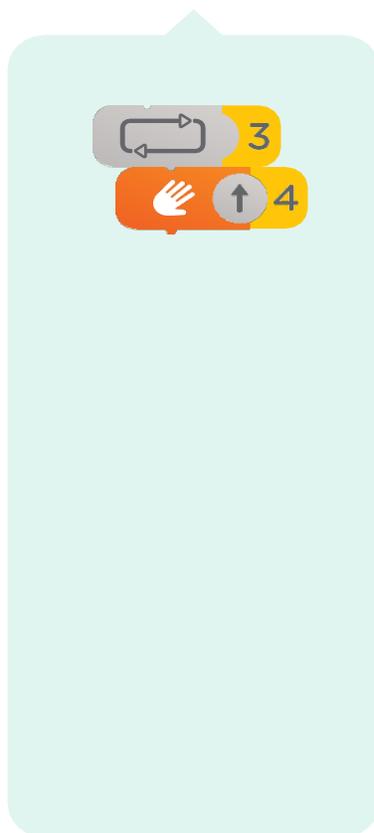
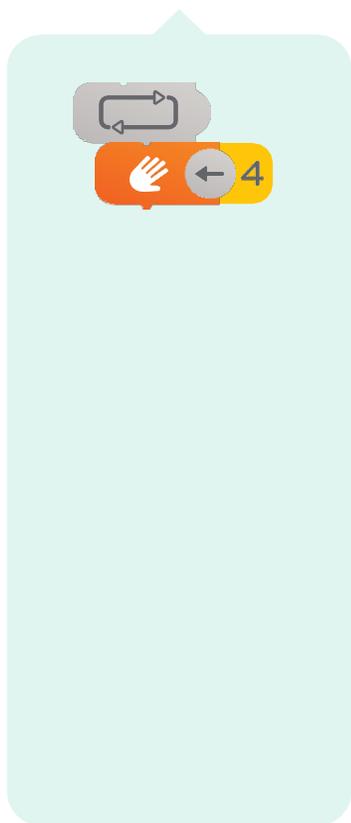
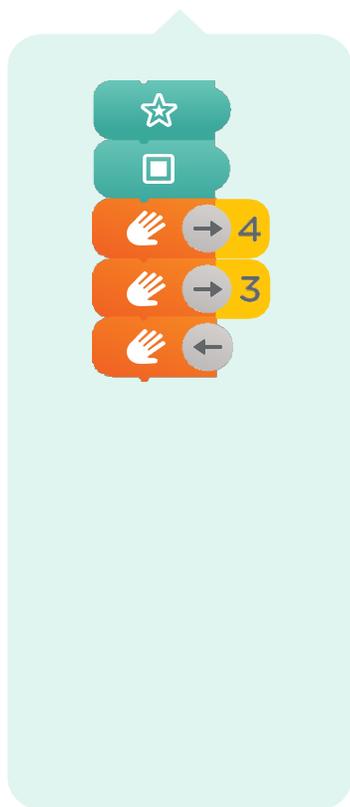


# Chords

(Create your own)

1. Create your subroutines

2. Create your chords:



# Lesson 1: Going Places Safely

*Unplugged | Online Safety*

## Overview

In collaboration with Common Sense Media, this lesson helps students learn that many websites ask for information that is private and discusses how to responsibly handle such requests. Students also find out that they can go to exciting places online, but they need to follow certain rules to remain safe.

## Purpose

Common Sense Education has created this lesson to teach kids the importance of being safe online. By relating places in the real world to websites on the internet, students will make important connections between safe websites and safe places in their own neighborhood.

## Agenda

- [Warm Up \(20 min\)](#)
  - [Where We Go](#)
- [Main Activity \(20 min\)](#)
  - [Keep It Private](#)
- [Wrap Up \(15 min\)](#)
  - [Flash Chat: What did we learn?](#)
  - [Journaling](#)
- [Extended Learning](#)

[View on Code Studio](#)

## Objectives

Students will be able to:

- Understand that being safe when they visit websites is similar to staying safe in real life
- Learn to recognize websites that are safe for them to visit.
- Recognize the kind of information that is private and understand that it should never be shared online.

## Preparation

- Print one assessment for each student.
- Make sure each student has a journal.
- Review CSF Digital Citizenship resource list for more online safety content.

## Links

Heads Up! Please make a copy of any documents you plan to share with students.

### For the Teacher

- [Going Places Safely](#) - Assessment Answer Key
- [Common Sense Education](#) - Website
- [CSF Digital Citizenship](#) - Resource List

### For the Students

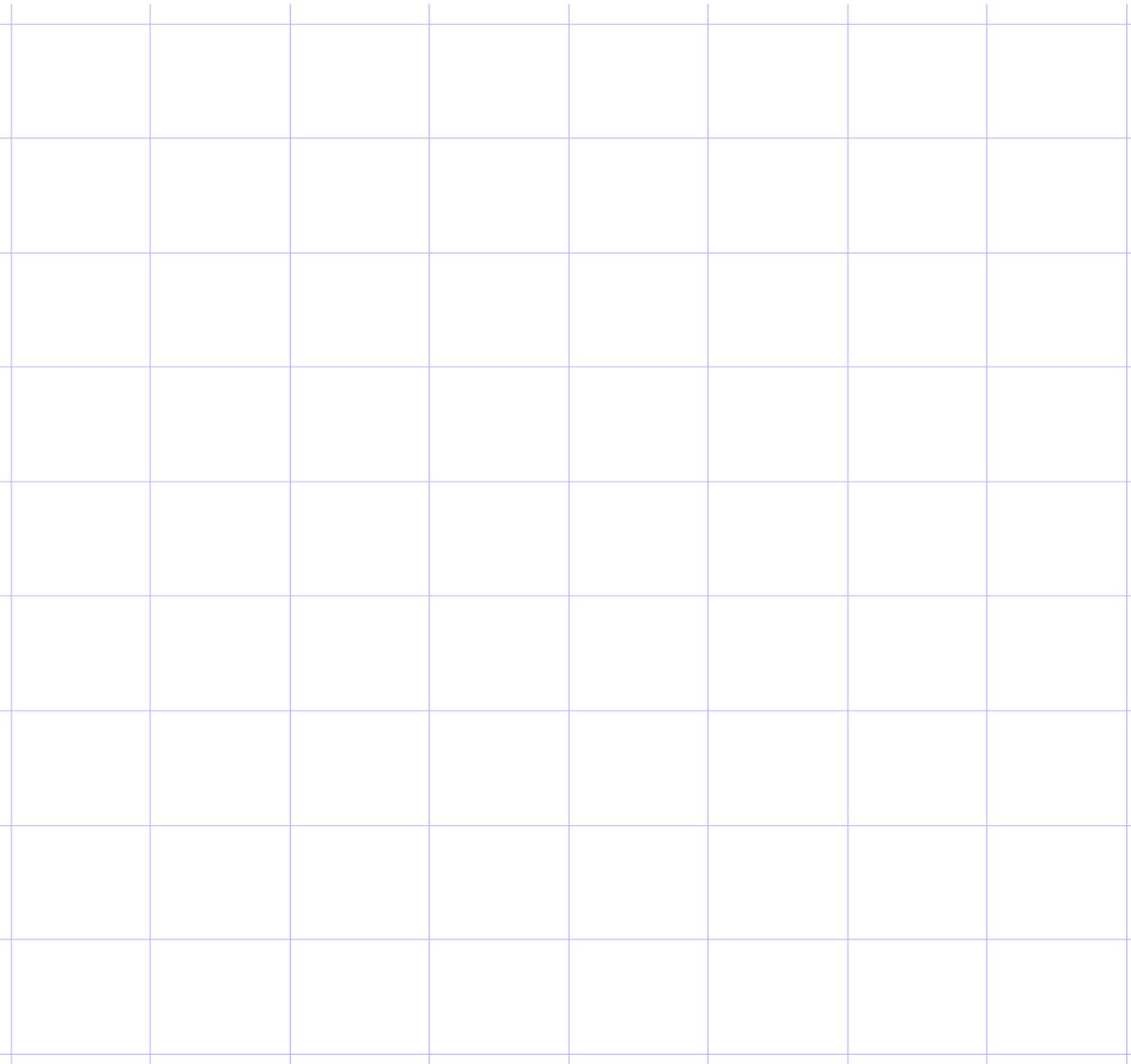
- [Feeling Faces](#) - Emotion Images Make a Copy
- [Going Places Safely](#) - Lesson Video
- [Going Places Safely](#) - Assessment
- [Think Spot Journal](#) - Reflection Journal

## Vocabulary

- Digital Citizen - Someone who acts safely, responsibly, and respectfully online.

Draw the path you think Awbie will take!

Use this space to show the tiles that will be used to follow the path you created.



## Pictures



Students work in groups and take turns assembling the tiles.



What you need to adapt.

item	vendor	cost
ipad or iphone	Amazon	\$300-\$400
Coding kit	Amazon or Osmo	\$40 - \$50
ipad or iphone stand	Amazon or Osmo	\$20 - \$40

## Resources

<https://www.playosmo.com/en/coding/>

<https://www.playosmo.com/en/coding-jam/>

[www.code.org](http://www.code.org)