Ideas with IMPACT

idea packet

Coding for Non-Readers

sponsored by:

FPL
CODING FOR NON-READERS

BY

MARCELLE FARLEY, NBCT
LAKE STEVENS ELEMENTARY

MFARLEY@DADESCHOOLS.NET
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
Choose the tiles that shows the path that Awbie will take.

1. 
2. 
3. 
4. 
5.
“Paw Print”

**Created by:**
Breakmaster Cylinder

**Difficulty:**
Easy

**Teaches:** Loops
Quantifiers Subroutines

**What You’ll Need:**

<table>
<thead>
<tr>
<th>400 Chord Machine</th>
<th>x3</th>
<th>x3</th>
<th>x2</th>
<th>x1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>x1</td>
<td>x1</td>
<td>x1</td>
<td>x1</td>
</tr>
</tbody>
</table>

**Characters Needed:**
1. Create your subroutines:

2. Create your drums:
1. Create your subroutines:

2. Create your drums:
1. Create your subroutines:

2. Create your melody:
1. Create your subroutines

2. Create your chords:

Chords
(Create your own)
Lesson 1: Going Places Safely

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**

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.
Students work in groups and take turns assembling the tiles.
What you need to adapt.

<table>
<thead>
<tr>
<th>item</th>
<th>vendor</th>
<th>cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ipad or iphone</td>
<td>Amazon</td>
<td>$300-$400</td>
</tr>
<tr>
<td>Coding kit</td>
<td>Amazon or Osmo</td>
<td>$40 - $50</td>
</tr>
<tr>
<td>ipad or iphone stand</td>
<td>Amazon or Osmo</td>
<td>$20 - $40</td>
</tr>
</tbody>
</table>

Resources

www.code.org