### Focus for the Week: Regions
- What is computer programming
- Introduction to “Alice”
- Facets of Alice
  1. Templates
  2. Galleries
  3. Methods
  4. Codes
  5. Events
  6. Views

### Four Essential Questions:
What do we want all our learners to learn? (display the EQ)

### Monday
**Goals/Objective:**

**8.G.1**
Understand the geographic factors that influenced North Carolina and the United States.

**8.G.1.1**
Explain how location and place have presented opportunities and challenges for the movement of people, goods, and ideas in North Carolina and the United States.

**8.G.1.2**
Understand the human and physical characteristics of regions in North Carolina and the United States (e.g. physical features, culture, political organization and ethnic make-up).

**Essential Question(s):**
How have regional variations of land, climate, and resources in North Carolina affected patterns of settlement and the economy?

### Tuesday
**Goals/Objectives:**

**8.G.1**
Understand the geographic factors that influenced North Carolina and the United States.

**8.G.1.1**
Explain how location and place have presented opportunities and challenges for the movement of people, goods, and ideas in North Carolina and the United States.

**8.G.1.2**
Understand the human and physical characteristics of regions in North Carolina and the United States (e.g. physical features, culture, political organization and ethnic make-up).

**Essential Question(s):**
How have regional variations of land, climate, and resources in North Carolina affected patterns of settlement and the economy?
<table>
<thead>
<tr>
<th>Template</th>
<th>How will we know when each student has learned it? (formative, interim and summative assessments)</th>
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</thead>
<tbody>
<tr>
<td>Gallery</td>
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<td>Methods</td>
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<td>Codes</td>
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</tbody>
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**AIM (Lesson Steps):**

Students will:
- Discuss computer programming, observing examples of programming via BrainPop
- View facets of “Alice” world – templates, galleries, methods, codes, events, and views.
- Practice using templates and galleries in Alice.

**AVID/AA Reminders:**
Tuesday – Friday students will become familiar with the 2013 – 2014 Student Code of Conduct for Onslow County Schools.

**Materials:**
- Computers
- Projector
- Notebooks

**Teacher Reminders:**
Check that all student computers are working.

**Homework:**
Practice creating and saving a scene in Alice world.

**Wednesday**

**Goals/Objective(s):**
Continuation 8.G.1
Understand the geographic factors that influenced North Carolina and the United States.
8.G.1.1

**Thursday**

**Goals/Objectives:**
8.G.1
Understand the geographic factors that influenced North Carolina and the United States.
8.G.1.1

**Friday**

**Goals/Objectives:**
8.G.1
Understand the geographic factors that influenced North Carolina and the United States.
8.G.1.1

**Differentiated Instruction/Formative Assessment:**
Students will work in 3-persons teams discovering the workings of the computer programming Alice.

**Homework:**
Using the local gallery, place two object of your choice in your scene from Monday’s assignment.
Explain how location and place have presented opportunities and challenges for the movement of people, goods, and ideas in North Carolina and the United States.

8.G.1.2 Understand the human and physical characteristics of regions in North Carolina and the United States (e.g. physical features, culture, political organization and ethnic make-up).

### Essential Question(s):
**How have regional variations of land, climate, and resources in North Carolina affected patterns of settlement and the economy?**

### AIM (Lesson Steps):
**Students will:**
- Example the four regions of North Carolina
- View a map of the regions using Alice
- Name objects unique to each region of NC
- Practice adding objects from Alice gallery to NC regional map

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<table>
<thead>
<tr>
<th>Differentiated Instruction/Formative Assessment: Students will work in 3-persons teams discovering the workings of the computer programming Alice.</th>
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</thead>
<tbody>
<tr>
<td><strong>Homework:</strong> Practice using Alice Programming.</td>
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<td><strong>Homework:</strong> Be prepared to present your information on Regions of NC for Wednesday.</td>
</tr>
</tbody>
</table>