Lesson Plan: What is Coding? Alice World
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Materials
❖ Storyboard paper
❖ Computers with Alice Coding installed
❖ “What is Coding?” Alice file
❖ “What is Coding?” storyboard

Objectives
● Using storyboard paper, learners will develop a plan for teaching someone about a topic.
● Using Alice, learners will create a short video that gives an overview of a topic.

Focus and Review (Warm-Up)
1. Ask students to jot down two to three topics that they know a lot about.
2. Share out with table group and discuss how they became experts on the topic.

Teacher Input (Model)
1. Explain the assignment: Think about a topic you know a lot about. You will be creating a video to teaching someone else about a topic. Use storyboard paper to plan out your Alice world. Then, create a video in Alice that teaches someone about the topic.
2. Using the document camera, teacher models drafting a storyboard by recreating one that was initially designed for the “What is Coding?” presentation
3. Have learners follow along with storyboard as they view the “What is Coding?” Alice world and discuss the similarities between the storyboard and the video
4. Restate assignment.

Guided Practice
1. Teacher gives a scenario that an Alice World might be designed to teach: What is the rock cycle? Using input from the class, the teacher draws out a storyboard on chart paper that models the process of brainstorming their Alice World.
2. Teacher explains the next step would be to create the presentation in Alice using the storyboard as a reference

Independent Practice
1. Pass out storyboard paper to students
2. Ask students to pick one of the topics they brainstormed. Create a storyboard showing how you will teach someone about the topic using Alice.
3. Students create the world in Alice

Closure
1. Students share their Alice world video with their classmates (or table group)
2. Students provide two positive remarks and one idea for improvement for each classmate