

### Developing Your “Digital Scene” (U3Ch1L10)

Students will design and develop a “Digital Design” using the following computer coding processes:

- Top Down Design
- Abstraction
- Looping
- Functions
- Random Numbers

Example:



**Scene Sketch** Make a drawing of the scene you intend to create. There must be a minimum of 3 different items in the image – the different items can then repeat (Eg. Above: sand, trees and clouds.) (10pts.)

Blank space for drawing the scene sketch.

### Go to Code.org and Begin Developing Your Digital Design (U3Ch1L10) (30pts.)

**After** you create your Digital Scene, please explain how you incorporated the following coding processes into your Digital Design: (20pts.)

**Abstraction:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Functions:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Looping:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Top Down Design:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Random Numbers:** \_\_\_\_\_  
\_\_\_\_\_

