Scope and Sequence

Content Area: **Technology**
Course(s): **Technology**
Time Period: **Full Year**
Length: **Length of the Course**
Status: **Published**

Course Overview

Students will be working on two main units in fourth grade. The first is advanced robotics. They will be working in groups where they will build and program two robots that interact with each other. The second unit is a stem based unit in which they will create a theme park with all elements involved with a theme park. They will 2D model their land in Minecraft as well as use Scratch to create an animated short film displaying their new land. Students will also experience building a computer using Kano. They will understand the hardware and software components that make up computer systems, and how they communicate with one another and with other systems

Scope and Sequence

Order of the Unit	Title of the Unit	Time Frame
Unit 1	Advanced Robotics	September - November
Unit 2	STEM Unit	December - June
Unit 3	Kano Computers	Ongoing

Date of Board Approval

This curriculum was approved by the Green Brook Board of Education on August 28, 2017.