Office of Advanced Studies & Programs: Middle School STEM Magnet Program

Scope and Sequence

Middle School Computing & Automation 1

- **Unit 1**: Scratch Programming
- **Unit 2**: Microsoft Office Skills (Word & Excel)
- **Unit 3**: Robotics (TI Calculator)
- **Unit 4**: Code Encryption (Minecraft.edu)

Middle School Computing & Automation 2

- **Unit 1**: Alice Programming
- **Unit 2**: Microsoft Office Skills (Excel & Powerpoint)
- **Unit 3**: Robotics (Spheros)
- **Unit 4**: HTML Programming

Middle School Computing & Automation 3

- **Unit 1**: Python Programming
- **Unit 2**: Microsoft Office Skills (Advanced Excel)
- **Unit 3**: Robotics (Lego Minestorm)
- **Unit 4**: Capstone Project

7/21/16