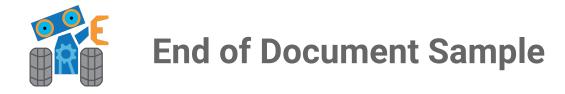
## Syllabus Excerpt

#	Dates	Name	Overview	Time	Apps & Activities		
		Section 1 – Getting to Know Codey Rocky - Use the Apps for Control					
1.		Introduction to Codey Rocky	KWL - What I know and wonder about Robots and Draw a Robot.  Understand what Codey Rocky is and how it operates.  Video - What Codey Can Do  Teacher demonstration of Codey Rocky KWL - What I know and wonder about Engineers  Writing Prompt: What is an Engineer and Draw an Engineer  Understand STEM careers and what an Engineer does.  KWL - What I learned about Robots KWL - What I learned about Engineers	1 Hr (1 or 2 classes)	MakeBlock App  mBlock App  Activity 1: KWL Chart: Robots  Learn about Robots  Activity 2: Draw and Label a Robot  Activity 3: KWL Chart: Engineers  Learn about Engineers  Activity 4: Write to Explain what is an Engineer		
2.		Classroom Setup and Teams	Demonstrate how students work together in teams  Form teams, learn about team roles, and decide the roles to be played in the team each class session.  Understand the team roles  Demonstrate how students use the materials to have a clean and organized classroom.  Demonstrate use of the lessons, using worksheets, and handing in worksheets	1 to 2 hrs (1 to 2 classes)	Activity 1: Form Teams  Activity 2: Teamwork Activity of your choice  Activity 3: Keeping the class organized		
		Section 2 – Outer Space Adventures					
5.		Space Mission	Learn about the overall Mars Mission.  Draw a model of planets in our Solar System  Demonstrate knowledge about Mars  Demonstrate knowledge about NASA's plans for Mars  Demonstrate knowledge of the Distance from Earth to Mars  Write a Mars Mission Plan	1 to 2 hr s (1 to 2 classes)	Activity 1: Draw a model of Solar System Activity 2: Write about Mars Activity 3: Create a Mars Mission Plan		

6.	Space Adventure 1:	Define Communication.	45 min to	MakeBlock App
	Communication	Define Brainstorming	1 hour (2 classes)	Activity 1: Connect your
		Compare how people and robots Communicate.  Demonstrate two ways that Codey Communicates.  Use the MakeBlock App to Control Codey Face Display and Sounds  Define the steps of the Engineering Process	classes)	Codey Activity 2: Sounds Activity 3: Face Display Activity 4: Send messages



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