

Alignment to Next Generation Science Standards		
Unit	Science Concept Connections	NGSS Kindergarten
Raise the Roof: Designing Shelters	<ul style="list-style-type: none"> • light and shadow • the warming effect of the Sun • animals and animal needs 	Energy: K-PS3-1, K-PS3-2 Earth's Systems: K-ESS2-2 Engineering Design: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3
Here's the Scoop: Designing Trash Collectors	<ul style="list-style-type: none"> • the basic needs of living things • animal habitats and ecosystems • human impact on the environment • recycling and environmental stewardship 	Earth and Human Activity: K-ESS3-3 Engineering Design: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3

Alignment to NGSS and Computer Science Teachers Association Standards		
Unit	NGSS K – 2	CSTA K – 2
Sort It Out: Programming Robots to Recycle	Engineering Design: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3	Data & Analysis: 1A-DA-06 Algorithms & Programming: 1A-AP-08, 1A-AP-09, 1A-AP-10, 1A-AP-11, 1A-AP-12, 1A-AP-13, 1A-AP-14, 1A-AP-15

Pending formal review by CSTA Curriculum Task Force