

4-H THRIVE MODEL

Lesson 1: Building Shelters with the Three Little Pigs



In this lesson, 4-H'ers will learn about various types of shelters and why shelters are important. Students will design and construct a sturdy shelter. Students will also identify common features of various types of shelters.

Lesson 4: Zipline Challenge with Humpty Dumpty



In this lesson, 4-H'ers will learn about slope and how speed is affected by the steepness of the slope. Students will construct their own LEGO ziplines. Students will demonstrate knowledge of the relationship between slope and speed through experimentation.

Lesson 2: Simple Machines with Rapunzel

In this lesson, 4-H'ers will learn about simple machines and how they help make everyday tasks easier. Students will design and construct a simple pulley. Students will also identify six types of simple machines.



Lesson 5: Force and Motion with Cinder-Elly

In this lesson, 4-H'ers will learn about the relationship between force and motion. Students will design a balloon-powered car using LEGOs. Students will also experiment with putting objects in motion using force.



Lesson 3: Measuring with Jim and the Beanstalk



In this lesson, 4-H'ers will learn that the length of an object is how long or wide it is. Students will learn how to measure with nonstandard units (LEGOs) and standard units (inches). Students will compare nonstandard and standard units of measurement.

Lesson 6: Engineering Bridges with the Three Billy Goats Fluff



In this lesson, 4-H'ers will learn about the purpose and importance of bridges. They will also learn about different bridge designs. Students will design a bridge using LEGOs and explain why bridges are important to society.

The 4-H Thriving Model takes the best of youth and adolescent development research and helps us understand what we need to do in our programs to have the biggest positive impact on our youth. The 4-H Thriving model predicts that youth who participate in 4-H programs that provide a high-quality developmental context will thrive, and thriving youth achieve key developmental outcomes.

