

K-5 students already have the qualities of great designers and innovators. What PLTW Launch does is tap into their exploratory nature, engage them in learning that feels like play, and encourage them to keep discovering – now and for years to come. PLTW Launch's 24 interdisciplinary modules bring learning to life. The program empowers students to adopt a design-thinking mindset through compelling activities, projects, and problems that build upon each other and relate to the world around them. As students engage in hands-on activities in computer science, engineering, and biomedical science, they become creative, collaborative problem solvers ready to take on any challenge.

## **Smithtown Central School District**



## What is the PLTW Launch Structure?

## Each module includes:

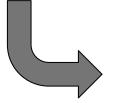
- Introductory Story
  - Angelina, Milo, Suzi
- 3 Activities
- 1 Project
- 1 Problem
- Key Terms

Pushes and Pulls	
Activity 1 Everyday Pushes and Pulls	Activity 2 Pushes and Pulls Centers
Activity 3 When Pushes and Pulls Collide	Project   Changing Pushes and Pulls
Problem	PLTW

## Kindergarten Science: PLTW

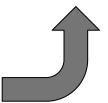


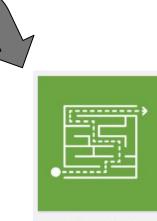
K-Pushes and Pulls











K-Animals and Algorithms