

Alannah and the Wonder Workshop

A magical adventure with light, sound, heat, force, and motion

AN ALANNAH DIOR LEARNING ADVENTURE



The Five-Spark Machine

At sunset, Alannah followed a tiny tink-tink-tink into the Wonder Workshop. Pip, the little copper robot, pointed to a silent machine. Its five science sparks were missing! “The Science Parade starts at moonrise,” he beeped. Alannah grinned. “Then let’s discover how to bring every spark home!”



Light Finds a Way

In the Mirror Maze, Alannah aimed a flashlight at a glass prism. The light traveled forward, split into a rainbow, and bounced from mirror to mirror. “Light can travel, bend, and reflect!” she cheered. The golden Light Spark zipped into her science key.



Sound Loves to Vibrate

Next came Echo Hall. Alannah tapped the giant drum—BOOM! The drumhead wiggled, the air vibrated, and bells across the room began to ring. “Sound is made by vibrations,” she said. A violet Sound Spark swirled into the key.



Heat Moves Warmth

The Frost Kitchen was colder than a snowflake’s sneeze. Alannah opened a safe solar oven and let sunlight warm the cocoa. Heat moved from the warm pot into the chilly air, melting the frost. The orange Heat Spark rose like a cozy curl of steam.



A Force Can Change Things

In the Gear Garden, a heavy cart blocked the path. Alannah pushed down on a long lever. Up rose the cart! “A force is a push or a pull,” she told Pip. “It can start, stop, or change how something moves.” The red Force Spark flashed awake.



Motion on the Move

In the Roller Ramp Room, Alannah released a toy car. It sped downhill, curved around a loop, then slowed on the soft grass. “Motion means changing position,” she said. “Speed and direction can change too!” The blue Motion Spark raced into the key.



Five Sparks, One Big Idea

Back at the machine, Alannah placed every spark into its matching socket. Light beams shone. Bells vibrated. Warm steam curled. Levers pushed and pulled. Gears spun into motion. The whole workshop hummed with science—and the parade doors swung open!



The Wonder Parade

Alannah and Pip rolled beneath glowing lanterns as music danced through the air. Warm bubbles floated, seesaws pushed and pulled, and pinwheels whirled. “Science is everywhere,” Alannah said. “When we look closely, every wonder has a way it works!”

After the Story

Talk, remember, move, and create!

1. How did Alannah use light to find the first spark?
2. What was vibrating when Alannah made the drum sound?
3. Where did heat move in the Frost Kitchen?
4. Name one push and one pull you use every day.
5. What made the toy car speed up, turn, and slow down?

Move like science!

Shine like light, vibrate like sound, warm like heat, push and pull, then roll into motion.

Invent your own wonder!

Draw a machine that uses at least three of the five science ideas. Tell how each part works.