



Turbine Trials

Directions: Read the passage below carefully. Think about the **skills, habits, or lessons** shown in the passage. Explain how these could be **useful in real-world careers**. Write your answers in complete sentences, giving specific job examples when possible.

During a school science fair, Malik and his team worked on building a small wind turbine model. At first, the blades didn't spin, and the generator didn't produce electricity. Instead of giving up, the group carefully tested different blade angles, checked their wiring, and adjusted the stand to balance better. Malik also kept detailed notes of each trial, so the team could see which changes worked and which didn't. By the end of the week, the turbine finally generated enough power to light a small bulb. The judges praised their persistence, teamwork, and problem-solving. Malik realized that their success came less from luck and more from steady effort and communication.

1. What skills did Malik and his team show in the passage?
2. How could persistence and problem-solving help in a career like engineering or healthcare?
3. Why would detailed note-taking and communication be useful in jobs like research, teaching, or management?
4. Choose one career and explain how the skills from the passage could help someone succeed in it.