Velcome to	the World of Science!
ise, science i	around us, and it's an integral part of our daily lives. From the food we eat to the gadgets we s everywhere, shaping our world and improving our lives. In this welcome pack, we'll introduce sics of science and its everyday applications.
What is Scie	ence?
and exploring	vay of understanding the world around us. It's a process of asking questions, seeking answers the unknown. Science is not just about learning facts and formulas; it's about being curious, critical thinkers.

clocks. Energy, in i	such as levers, pulleys, and wheels, are used in various everyday objects, from bicycles to ts different forms, is also a vital concept that we need to understand, as it is used to power mes, and fuel transportation.
The Scientific M	ethod
he scientific meth	hod is a systematic process for exploring the natural world and answering questions. It bservations, asking questions, hypothesizing, experimenting, and drawing conclusions.
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Fun Activities and Quizzes
Here are some fun activities and quizzes to help you learn and understand the basics of science:
 Science Scavenger Hunt: Find and identify simple machines and energy sources in your daily life. Energy Conversion Quiz: Test your knowledge of energy conversion and simple machines. Science Charades: Act out scientific concepts and terms, such as photosynthesis or gravity. Environmental Debate: Discuss and debate environmental issues, such as recycling or conservation.

Glossary of Scientific Terms
Here are some key scientific terms to get you started:
 Hypothesis: An educated guess or prediction made before conducting an experiment. Experiment: A test or trial designed to prove or disprove a hypothesis. Observation: The act of watching or noticing something closely. Variable: A factor that can be changed or controlled in an experiment. Data: Information or facts collected during an experiment.

Conclusion					
science and its	s everyday applica	ations. Remember	, science is all aro	d this introduction to the und us, and it's an integ asking questions!	

Asses	sment	
Here ar	e some assessment activities to help you evaluate your understanding of the basics of science	:
2. S	cience Quiz: Test your knowledge of simple machines, energy, and the scientific method. cience Project: Design and conduct an experiment to demonstrate a scientific concept or pri cience Journal: Keep a journal of your scientific observations, questions, and findings.	nciple.

Extension Activities
Here are some extension activities to help you further explore the world of science:
 Build a Bridge: Design and build a bridge using everyday materials. Create a Homemade Lava Lamp: Mix oil, water, and food coloring to create a lava lamp effect. Conduct a Science Experiment: Choose a scientific concept or principle and design an experiment to demonstrate it.

Parent Engagement
Here are some ways to engage with your parents and encourage their participation in your scientific journey:
 Science Night: Host a science night at home or in the classroom, where you can conduct experiments and activities together. Science Volunteer Program: Volunteer in the classroom or at home to help with science lessons and activities. Science Communication: Keep a science journal or blog to share your thoughts, questions, and findings with others.