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IN OUR DAILY LIVES

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What is STEM and what are the reflections of STEM to our life?

STEM stands for Science, Technology, Engineering, and Mathematics. It focuses on creativity, problem-solving, and innovation, and helps develop analytical thinking, teamwork, and practical solutions for everyday life.



Science



Technology



Engineering



Mathematics



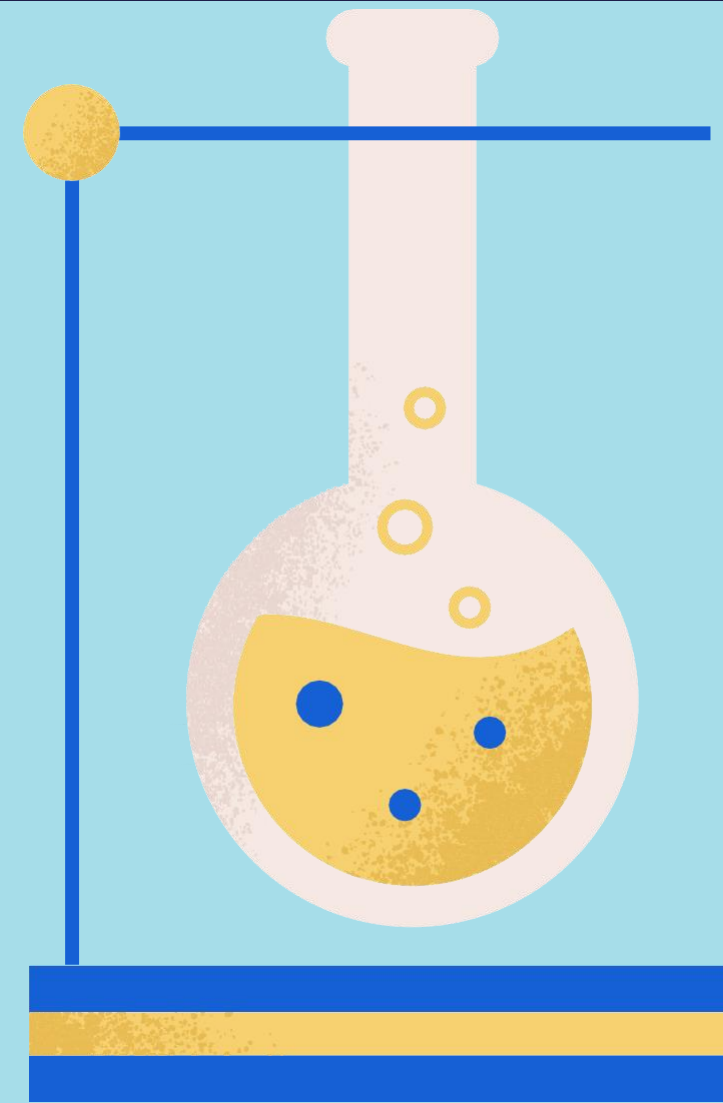
IS **NOT** ONLY IN SCHOOLS OR LABORATORIES

WE USE STEM IN OUR **DAILY** LIVES WITHOUT EVEN NOTICING

SCIENCE

IN DAILY LIFE

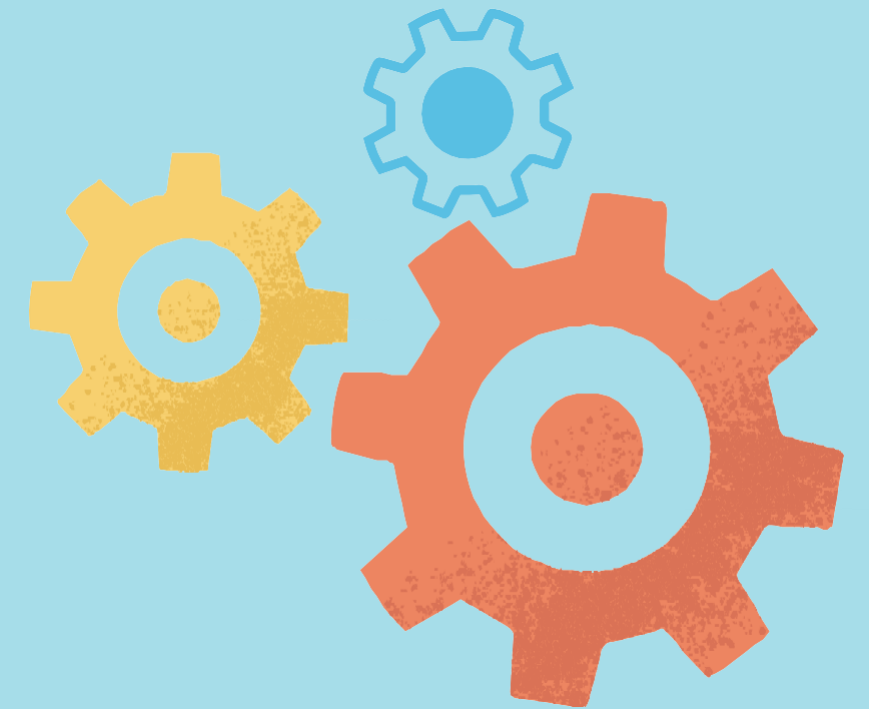
- **Cooking&Food Safety:** Understanding heat transfer helps you cook evenly,knowing bacteria growth prevents food poisoning
- **Health:** Vaccines, medical check-ups, and even toothpaste chemistry are science at work
- **Weather Forecasts:** Meteorology uses physics and data to help us plan our days



TECHNOLOGY

IN DAILY LIFE

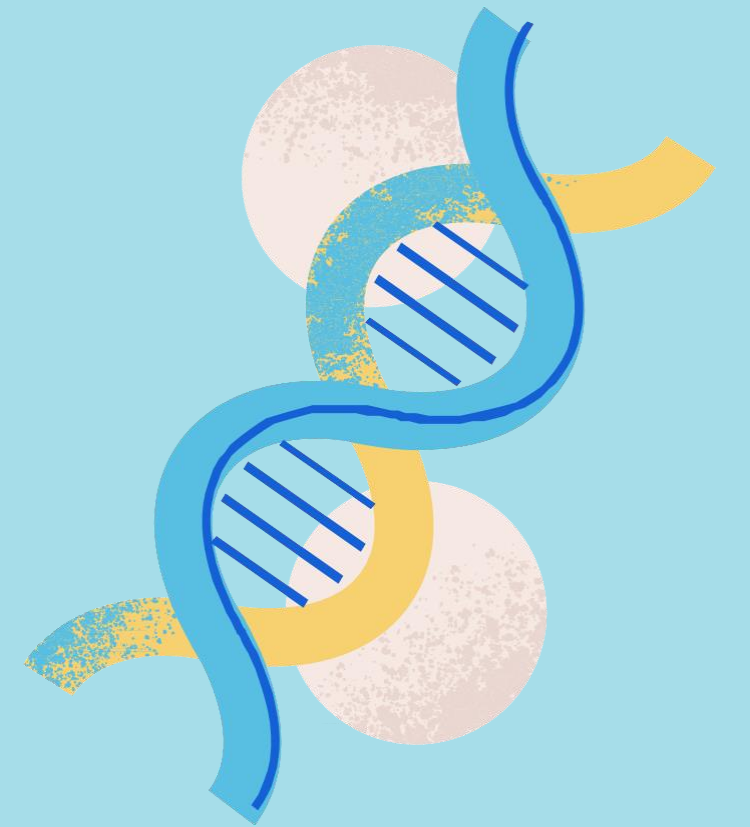
- **Smartphones & Internet:** Communication, navigation(GPS), and instant knowledge access
- **Home Appliances:** Washing machines and refrigerators use sensors, circuits, and programming
- **Transport:** Cars, buses, and electric scooters depend on advancements in materials and electronics



ENGINEERING

IN DAILY LIFE

- **Buildings & Bridges:** Civil engineers design safe structures using physics and math
- **Energy Systems:** Wind turbines and solar panels turn natural forces into electricity
- **Everyday Objects:** Even a simple pen or water bottle is engineered for usability and cost



MATHEMATICS

IN DAILY LIFE

- **Smart Home Assistants:** Use AI (math+computing) to process voice commands
- **Medical Imaging(X-rays or MRIs):** Combines physics and engineering with math
- **Predicting Finances:** Statics help forecast stock markets, budgets, and everyday expenses





THANK YOU FOR LISTENING!

**SİNEM GERDAN/TARSUS FATİH
ANATOLIAN HIGH SCHOOL**



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