

# IS IT STEM, ENTREPRENEURSHIP, OR BOTH?



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Computer applications, online research, and educational software

Making observations, forming hypotheses, conducting experiments, and drawing conclusions

Engineering and Design Thinking: design and build structures, machines, and prototypes, fostering creativity, problem-solving, and iterative thinking.

Scientific Method: observations, forming hypotheses, conducting experiments, and drawing conclusions

Hands-on activities and experiments to apply scientific concepts and develop practical skills

Design and build structures, machines, and prototypes while fostering creativity, problem-solving, and iterative thinking.

Computer science, including algorithms, patterns, and logical reasoning

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Critical Thinking: evaluate information, make informed decisions, and solve complex problems.

Encouraging curiosity, asking questions, and conducting investigations

Collecting and analyzing data, interpreting graphs and charts, and drawing conclusions from the results.

Entrepreneurial Mindset: resilience, adaptability, and embracing challenges as opportunities for growth

Problem Solving: Identify problems, think critically, and find solutions

Math Skills: number sense, arithmetic operations, geometry, measurement, and data analysis

Communication and Presentation: communicating ideas, presenting findings, and engaging in scientific discussions

Creativity and Innovation: Promoting imaginative thinking, encouraging unique solutions, and fostering innovation

Working in teams, sharing ideas, and effectively communicating concepts or findings

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Problem Identification: identify needs in the market and develop innovative solutions to address them.

Financial Literacy: money management, budgeting, and the value of money.

Time Management: prioritize tasks, manage time effectively, and meet deadlines.

Product Development and Design: develop and refine ideas into tangible products or services

Ethical and Social Responsibility: impact of entrepreneurship on society.

Leadership: Fostering leadership qualities such as taking initiative, guiding others, and organizing activities.

Salesmanship and negotiation skills, and effective communication.

Risk Assessment: Teaching students to evaluate potential risks and rewards associated with business decisions

Market Research: Teaching students how to gather information about consumer needs, preferences, and trends.