



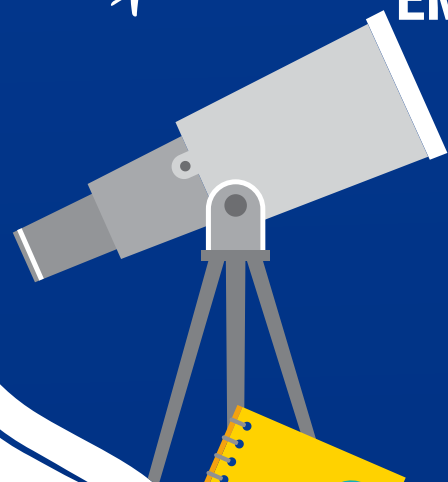
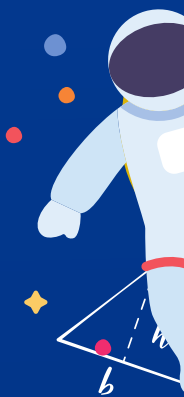
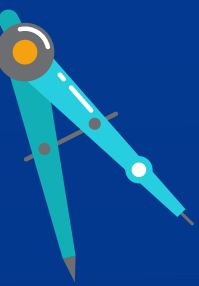
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SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS

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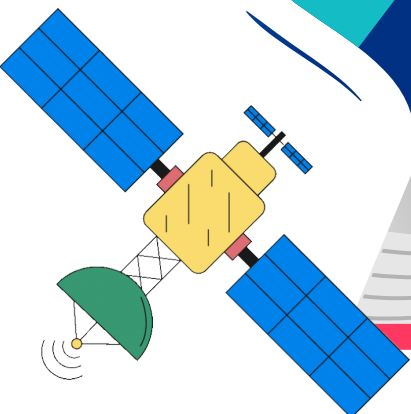
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$E=mc^2$

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S.No.	Concept	Outcome
1	Introduction about UI controls	Learn the building blocks (buttons, menus, etc.) for creating user interfaces in Space Apps.
2	Create a Space background image application	Develop a basic app displaying a customizable Space background.
3	Astronaut Space walk Guidance App	Create an app that guides a virtual astronaut through a simulated spacewalk.
4	Get and Display Astronaut Info app	Design an app that fetches and displays real-time information about astronauts.
5	Plotting Planet and Astronaut in your App	Implement features to visualize planets and an astronaut's position within your Space App.

S.No.	Concept	Outcome
1	Say Hi to the Universe	Explore the Universe through coding
2	Sun & Earth Simulation	Understand the relationship between the Sun and Earth.
3	Space Calculator App	Create a calculator app with space-themed graphics.
4	Space Invaders Game	Design a Space Invaders-style game.
5	Spaceship Battle App	Create a multiplayer spaceship battle game.
6	Space Star Collector App	Develop a space-themed app to collect stars.
7	Code a Rocket to Launch	Code a simple rocket launch simulation.
8	Code Your Trip to Space	Develop a Space traveller app for a virtual trip.
9	Planetary Puzzle App	Create challenging planetary puzzles.
10	Astro Trivia Quiz App	Enhance space knowledge with interactive quizzes





S.No.	Concept	Outcome
1	Introduction to TinkerCAD	Students will be given a small introduction about the platform to create 3D shapes.
2	Designing Our Global Home Earth	Students will understand the concept and build Earth using Designing.
3	Model Building Rocket Launch by making own 3D Rocket	Students will learn to design and build their own 3D rocket model.
4	Introduction to MIT	Students will learn how to work on mit platform
5	Working with sensors and components	Students will learn how to work sensors and components in mit
6	Planetary Weight Calculator App	Students will use math logic to create a planetary weight calculator app.
7	Create space shooter app	Students will learn to develop a space shooter game app.
8	Space shopping App- Where Space Meets Style	Students will learn to create an app where space-themed products can be shopped.
9	Design a Chandrayan Rocket Launch App	Students will learn to design an app focused on the Chandrayaan rocket launch.
10	Astronaut scheduler	Students will learn about how to plan their own planet trips
11	Astronaut Chat bot app	Students will learn how to create their personal assistant

S.No.	Concept	Outcome
1	Introduction code blocks and designing with blocks	Students will learn how to design 3D shapes and about the different commands used for creating 3D shapes.
2	Building 3D Space terrains	Students will learn to design space terrains.
3	Polar Starlight Launcher	Students will learn about designing a Polar Starlight Launcher.
4	Introduction to Webpage, Website, CSS, JavaScript	Students will learn how to create a webpage.
5	Designing a Planet website	Students will study planets and create a website about them.
6	Create a Solar System Animation	Students will learn to create an animation of the solar system.
7	Building a 3D Spinning Globe	Students will learn to design and build a 3D spinning globe.
8	Create NASA Adventure webpage	Students will learn to create a webpage focused on a NASA adventure.
9	Planet Play	Students will work with DOM (Document Object Model).
10	Draw and Color your fav planet	Students will work with Canva to draw and color their favorite planet.
11	Build a Generative AI chatbot	Students will learn to build a generative AI chatbot.
12	Explore your own space	Working with Frameworks

