



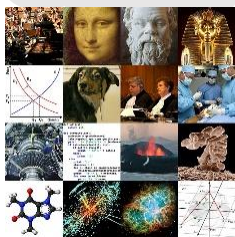
INDIAN SCHOOL SUR STEAM SUR 2022

(Science Technology Engineering, Art & Mathematics)



“Science is a way of life. It is a perspective. Science is the process that takes us from confusion to understanding in a manner that’s precise, predictive, and reliable – a transformation, for those lucky enough to experience it, that is empowering and emotional.” – Brian Greene

Still Models with charts



- Harmful Effects of Mobile Phones
- Model of Section of a Flower

SCIENCE

Still Models with few working Parts



- Land Pollution & Remedies
- Water Pollution & Remedies
- Air Pollution & Remedies
- Plastic Pollution & Remedies
- Organic Farming System
- Aquaponics
- Aeroponics
- Vertical Farming
- Biosphere Reserves
- Line City
- Genetic Engineering & Its Applications
- Mars & Moon- Future Human Colonies
- The Constellations

Working models

- Solar Power Irrigation System
- Rotation of Planets
- Futuristic Solution for Water Scarcity
- Asteroids
- DNA Model
- DNA Whispers - Health Benefits of Broccoli

BOB Experiments



- Bob Experiments
- Science Magic

Games



- Snake & Ladder
- Kahoot Quiz
- Science Spell Bee with Paper Cups
- Ball & Glass

Science Gallery (Working Models)

- Pendulum Waves
- Hydraulic Magic Track
- Vacuum Cleaner
- Magic Of Pullies
- Water Dispenser
- Home Work Machine
- Newton's Cradle
- Infinite Illusion Light
- Hologram
- Water Cycle





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The social sciences offer equal promise for improving human welfare; our lives can be greatly improved through a deeper understanding of individual and collective behavior.

Still Models with charts

- Indian Festivals
- National Symbols of India
- Seasons
- Types of Transportation
- Types of Houses
- Human Evolution
- Safety Rules- 2 Projects
- Traditional Costumes of India
- Save Earth
- Means of Communication
- Road Safety Rules
- Types of Forests & Wild Life
- Evolution of the National Flag
- Earthquakes & Measures to Reduce the Effect
- Tsunami & Measures to Reduce the Effect
- Floods And Droughts
- Folk & Classical Dance & Folk Music in India
- Life of Early Man
- Rural Administration in India
- Deforestation -Effects & Benefits of Afforestation
- Harappan Civilization
- Domains of The Earth
- Erosional And Depositional Features-Wind & Sea Waves
- Composition of Air, Layers of Atmosphere
- Types of Farming



SOCIAL SCIENCE



- Conservation of Water - Drip Irrigation & Sprinkler
- Organs of The Government
- Freedom Movement of India-Revolt Of 1857, Non-Cooperation Movement
- Freedom Movement – Jallian Wala Bagh Massacre, Noncooperation Movement & Other Important Events
- Different Geographical Features-Terms
- Traditional & Modern Education System
- Modern Farming- Multiple Cropping
- Importance of Latitudes & Longitudes
- Course of a River from Source To Mouth
- Traditional Vs Modern Farming- Irrigation
- Types Of Dams
- Freedom Movement of India
- Conventional & Non -Conventional Resources of Energy

Working models

- States & Capitals of India
- Windvane Raingauge
- Terrarium
- Volcano & Rock Cycle
- Electoral System in India-EVM & Ballot
- Paper
- Seismograph & Its Use
- Multipurpose Project





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Still Models with charts

- Principles of Management
- Metropolitan City Model Depicting Communication, Types of Transportation, Infrastructure etc.
- Evolution of Money
- Levels of Management
- Masslow's Need Hierarchy Theory
- Sources Of Business Finance
- Scalar Chain & Gang Plank
- Trial Balance
- Barter System
- Outsourcing Emerging Mode of Business
- 3 Sectors of Economy
- ATM
- Vending Machine
- Currencies Around the World



Working Models

- Balance Sheet Model Like a Common Balance
- Modern Accounting Rules

Innovation and commerce are as powerful tools for creating social progress as they are for driving technological advancement.

COMMERCE



Charts

- Accounting Equation
- Notable Economists
- Types of Communication
- Types of Economies
- Principles of Insurance
- Functional Foremanship
- Types of Leaders
- Consumer
- Protection Marks
- Entrepreneurship & Investment
- Eminent personalities in Commerce





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**Mathematics is the most beautiful and most powerful
creation of the human spirit.**

Still Models

- Roman Numerals
- Mathematical Theme Park
- Mathematical Eco City
- Application of Perimeter
- Use of Regular Polygons
- Geometrical City with 3-D Shapes
- Kathkālī Face With Shapes
- Nets of Solid Shapes & Geometrical Pattern
- BPT Theorem
- Solid Shapes
- Fraction Bird
- Pascal's Triangle
- Angle Sum Property
- Fraction wall



MATHEMATICS

Working Models



Charts



- Tessellations
- Tangram Puzzles
- Addition & Subtraction Using 100's
- Money
- Application of Angles in Real Life
- Importance of Measurements in Our Life
- Mathematics in Astronomy
- Different Types of Triangles
- 3D Sierpinski Fractal Triangle
- Importance of Mathematics in Daily Life
- Elements of mathematics
- How to learn Maths?
- Angles in real life
- Mathematicians

- Identifying Odd, Even & Prime Number
- Shapes
- Division
- Equivalent Fraction
- Multiplication
- ATM Machine
- Application of Pythagoras Theorem
- Bar Graph (Working Model)
- Pythagoras Theorem Using Water Model
- Circle Theorem Using Geoboard
- 2D-3D Transformation
- Missile Model & Application of Trigonometry
- Theorem of Pierre Avignon
- Algebraic Identities
- Square Root Model
- Model For 8 Octants in 3D
- Exterior Angle Property of Triangle
- Angle Sum Property & Parts Of Circle
- Working Model for Relation & Function
- Mathematical Model on Trigonometric Functions
- Transversal Lines & Angles, Traversal Properties
- Applications of Trigonometry





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Still Models



- Antonyms
- Singular & Plural
- Nouns
- Adjectives
- Types of Nouns
- Verbs
- Shakespeare's Theatre
- Bloom's Taxonomy
- Taj Mahal
- Knowledge Book

Working Models



- Tenses- Present, Past & Future
- Types of Nouns
- Adjectives -Degrees of Comparisons
- Story Board
- Preposition
- Antonyms Wheels
- Irregular Verb Wheels
- Google Home-English Assistant
- Train Gallery
- 3D Motion Picture



ENGLISH



Charts

- Nouns
- Adjectives
- Verb
- Articles
- Connectors & Determiners
- Parts of Speech
- Conjunction Project
- Poetry
- Author's Purpose to Persuade
- Good Writing
- Figure of Speech
- Verb Tenses
- Personal Narrative
- Contractions
- Inside Outside
- Synonyms & Antonyms
- Know the difference
- Tree Diagram
- Punctuation
- Literacy Devices
- Let's Communicate



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“जब से हमने अपनी भाषा का समादर करना छोड़ा तभी से हमारा

अपमान और अवनति होने लगी।”

Still Models

- वर्णमाला
- फ्लैश कार्ड {flash cards- alphabets}
- मात्राएँ
- फ्लैश कार्ड {flash cards- Matras}
- फल, फूल, सब्जियाँ {fruits, flowers, vegetables (with clay)}
- हिंदी – लिंग
- क्रिया – भेद
- संज्ञा – भेद
- विशेषण – भेद
- कहानी
- मुहावरे



नमस्ते



HINDI

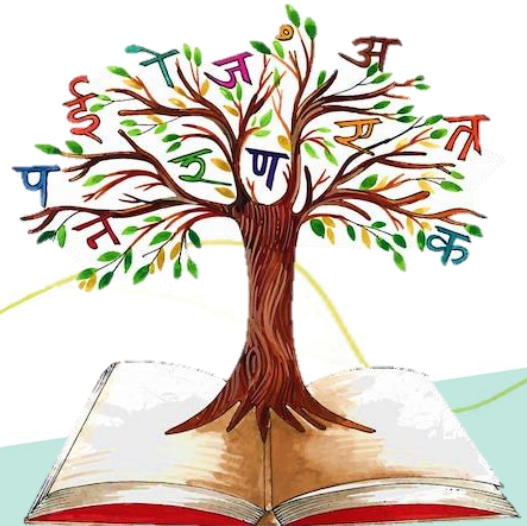
Charts

- हिंदी - सप्ताहों के नाम
- हिंदी - महीनों के नाम
- हिंदी - ऋतुओं के नाम
- गिनती
- हिंदी - वर्णों का उच्चारण स्थान
- सर्वनाम – भेद
- भाषा – प्रकार – मौखिक, लिखित – लिपि
- हिंदी साहित्य की विधाएँ
- हिंदी – प्रमुख कवि
- हिंदी – प्रमुख लेखक
- हिंदी दिवस, विश्व हिंदी दिवस



Working Models

- हिंदी - पर्यायवाची शब्द
- हिंदी – वचन
- विरामचिह्न
- विलोम शब्द





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Still Models

- *Number Names*
- *House Related Words*
- *Past & Present*
- *Directions*
- *Arabic Dates Format*
- *Days of the Week*
- *Clock*



لا تؤجل عمل اليوم الى الغد

ARABIC

Charts



Video Presentation



- *Indo-Oman Relationship (Documentary)*



Souvenir



- *Historical Relics*
- *Omani Traditional Paraphernalia*

- *Calligraphy*
- *Classical Arab Poets*
- *History of Sur*
- *Greetings in Arabic*
- *Arabic Numbers*
- *Arabic Months*
- *Common Words in Hindi & Arabic*
- *Prepositions*
- *Significance of Arabic Language*
- *Dual Form*
- *Words with Alphabets*
- *Number Names with Picture*
- *Demonstrative Pronoun*
- *Map of Oman with Governorates*



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Still Models

പ്രചോദനത്തിന്റെ ഏറ്റവും വലിയ ഉറവിടം നിങ്ങളുടെ ചിന്തകളാണ്. അതിനാൽ വലുതായി ചിന്തിച്ച് വിജയിക്കാൻ സ്വയം പ്രചോദിപ്പിക്കുക..

- Mahabali
- Farming of Kerala
- Kerala Transport & Trissur Pooram
- Model of Ottanthullal
- First Muslim Mosque
- Important Christian Church
- Thattukada
- Alphabet Tree
- Art Forms of Kerala
- House Boat
- Things Used in Kerala
- House



MALAYALAM

Charts

- History of Malayalam Language
- Understanding Words
- House & Surroundings
- Poet Description
- House & Surroundings



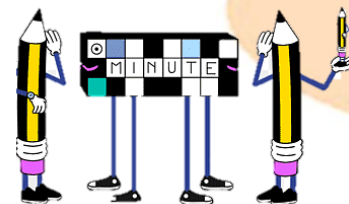
Working Models



- Matra Wheel
- Nizhal Pavaqooth

Models

- Alphabet Tree
- Well
- House
- Cross Word Puzzle
- Official Bird of Kerala
- Official Animal of Kerala
- Official Fruit
- Official Flower
- Birds





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Still Models

- *Colour Psychology*

Chart Live Programmes

- *Optical Illusion*
- *Brain & Psychology*
- *Learning*
- *Perception*
- *Self Care*



Demonstrations

- *Hardware changes in the Era*
- *Virtual Classroom Creation with VR*
- *Computer Games*
- *Mobile Games*
- *Robot Model*
- *Robot cars*

Understanding why people suffer, how they change, and how to help them live more satisfying and gratifying lives is a fascinating, huge, and important undertaking.

COUNSELING

Live Programmes

- *Games to Improve Executive Functioning*
- *Psychological Test*

Working Models



- *Social Media & Mental Health*
- *Stress Management*

TECHNOLOGY

The advance of technology is based on making it fit in so that you don't really even notice it, so it's part of everyday life.





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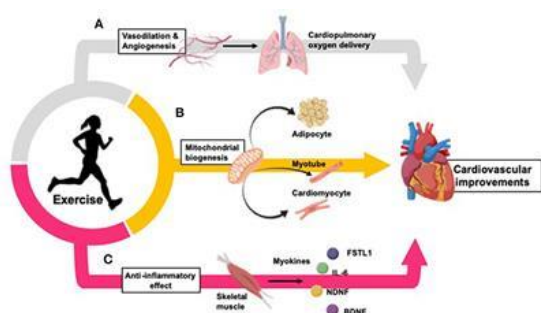
"Intelligence and skill can only function at the peak of their capacity when the body is healthy and strong."

Still Models



PHYSICAL EDUCATION

- *History of Gymnastics, Olympics*
- *Sur Climate and Sports*
- *Equipment Display Changing Trends in Sports Field and Equipment*
- *Nutrition Guidelines*
- *Sports Complex*
- *Games Stalls*



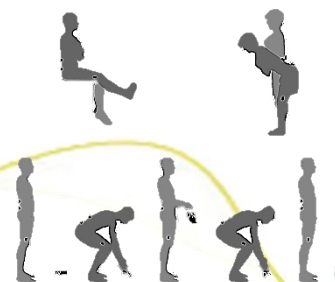
Working Models

- *High Altitude Training*
- *Effect of Exercise on the Cardio Respiratory System*

Demonstration



- *First Aid & CPR*
- *Lifestyle Diseases and Exercise*
- *Postural Analysis*
- *BMI Calculator*





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Science

- I & II - Fruit and vegetable dance
- Science Skit
- Musical Drama- Discovery of DNA



CULTURAL EVENTS

Mathematics



- Mathematics Dance
- Mathematics Street Play
- Mathematics Song



Social Science

- Fancy Pageant
 - 20 Countries
 - 10 Indian States
- Tribal Dance- Naga Tribal Folk Song

Physical Education

- Zumba
- Aerobics
- Yoga



Hindi

- Vyākaran Song
- Hindi Language Song



Programmes by Parents

- Aerobics
- Dance
- Group Song
- Fashion Show
- Poem Recital



English

- Alphabet Dance
- Play
 - Merchant of Venice
 - The Adventures of Tom Sawyer
 - Macbeth
- Musical Drama
- Declamation (in the exhibits)

Programmes by other Institutions

- Skit
- Solo Song
- Group Song

Malayalam



- Thiruvathira



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GAMES



STALLS

- South Indian Dishes
- Maharashtrian food
- Pizza Hut
- Dress Material
- Tuck Shop
 - Chat items
 - Juice
 - Biryani
 - Tea & Coffee
 - Burgers
 - Puffs
 - Samosa
 - Cutlet
 - Unniyappam
 - Fried Chicken
- Game Stall

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