



ARMY PUBLIC SCHOOL,
CLEMENT TOWN, DEHRADUN
HOLIDAY HOMEWORK

AUTUMN BREAK
SESSION 2024-25

CLASS VII



Date: 26/10/2024

To: Students and Parents

Subject: 3D Model Projects for Class VII

Objective:

To encourage creativity and hands-on learning through the construction of 3D models, allowing students to explore various subjects while understanding key concepts in English, Hindi, Maths, Social Science, Science, and Sustainable Development Goals (SDGs).

Dear Students and Parents,

For the upcoming **Autumn Break**, which will be observed from **28 Oct to 2 Nov**, students are required to prepare one model as per the assigned roll numbers. Below are the details for each class:

Class VII A – Azadi ka Amrit Mahotsav (42 Students)

- **Historical Timeline Model** – Roll No. 1 to 5
- **Freedom Fighters Diorama** – Roll No. 6 to 10
- **Indian Flag Model** – Roll No. 11 to 15
- **India's G20 Presidency Model** – Roll No. 16 to 20
- **Cultural Diversity Display** – Roll No. 21 to 25
- **Post-Independence Development Model** – Roll No. 26 to 30
- **Gandhiji's Dandi March** – Roll No. 31 to 35
- **Role of Women in Freedom Struggle** – Roll No. 36 to 40
- **Protests and Movements** – Roll No. 41 to 42

Class VII B – Subject Integrated Project Models (47 Students)

- **Water Cycle and Climate Impact** – Roll No. 1 to 5
- **Solar System and Distance Between Planets** – Roll No. 6 to 10
- **Balanced Diet Food Pyramid** – Roll No. 11 to 15
- **Rainforest Ecosystem and Animal Habitats** – Roll No. 16 to 20

- **Simple Machines in Daily Life** – Roll No. 21 to 25
- **Volcano Model and Landforms** – Roll No. 26 to 30
- **Map of India with State Features** – Roll No. 31 to 34
- **Types of Houses in India** – Roll No. 35 to 38
- **Mountain and Valley Landforms** – Roll No. 39 to 43
- **Wind Turbine Model** – Roll No. 44 to 47

Class VII C – SDGs 9 to 17 Project Models (46 Students)

- **Sustainable Factory (SDG 9)** – Roll No. 1 to 4
 - **Green Public Transport System (SDG 11)** – Roll No. 5 to 8
 - **Zero-Waste Supermarket (SDG 12)** – Roll No. 9 to 12
 - **Community Climate Action Plan (SDG 13)** – Roll No. 13 to 16
 - **Marine Conservation Zone (SDG 14)** – Roll No. 17 to 20
 - **Wildlife Sanctuary (SDG 15)** – Roll No. 21 to 24
 - **Community Justice Centre (SDG 16)** – Roll No. 25 to 28
 - **Collaboration Hub for Partnerships (SDG 17)** – Roll No. 29 to 32
 - **Inclusive Public Space (SDG 10)** – Roll No. 33 to 36
 - **Affordable Housing Model (SDG 11)** – Roll No. 37 to 40
 - **Solar-Powered Community (SDG 13)** – Roll No. 41 to 44
 - **Innovative Recycling Facility (SDG 12)** – Roll No. 45 to 46
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Class VII D - Sanskrit Project Models (46 Students)

- **भारतीयसङ्गीतम् (Indian Music)** – Roll No. 1 to 10
 - **प्रकृतिवर्णनम् (Description of Nature)** – Roll No. 11 to 15
 - **अनेकशः प्रयोगाः (Various Uses of Objects)** – Roll No. 16 to 20
 - **भारतीयवस्त्राणि (Indian Clothing)** – Roll No. 21 to 25
 - **दशमहाविद्याः (Ten Great Wisdoms)** – Roll No. 26 to 30
 - **भारतीयखाद्यान्नानि (Indian Foods)** – Roll No. 31 to 34
 - **महानदीः (Major Rivers)** – Roll No. 35 to 38
 - **प्राचीनभारतीयवास्तुशिल्पम् (Ancient Indian Architecture)** – Roll No. 39 to 42
 - **भारतीयउत्सवाः (Indian Festivals)** – Roll No. 43 to 46
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Class VII E - Integrated Subject Model Projects (43 Students)

- **Story Cube** – Roll No. 1 to 4
 - **Poem Sculpture** – Roll No. 5 to 8
 - **Character Diorama** – Roll No. 9 to 12
 - **Vocabulary Tree** – Roll No. 13 to 16
 - **Grammar Game Board** – Roll No. 17 to 20
 - **Cultural Story Map** – Roll No. 21 to 24
 - **Dialogue Boxes** – Roll No. 25 to 28
 - **Book Cover Model** – Roll No. 29 to 34
 - **Literary Timeline** – Roll No. 35 to 38
 - **Genre Exploration Cube** – Roll No. 39 to 43
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Class VII F - Science Project Model (42 Students)

- **Food Pyramid Model** – Roll No. 1 to 4
 - **Sorting Materials Display** – Roll No. 5 to 9
 - **Separation Techniques Model** – Roll No. 10 to 14
 - **Plant Structure Model** – Roll No. 15 to 18
 - **Skeleton and Body Movement Model** – Roll No. 19 to 23
 - **Vehicle Motion Model** – Roll No. 24 to 28
 - **Shadow and Reflection Box** – Roll No. 29 to 33
 - **Electric Circuit Model** – Roll No. 34 to 38
 - **Ecosystem Diorama** – Roll No. 39 to 42
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Class VII G – Maths Project Model (42 Students)

- **3D Geometry Shapes Model** – Roll No. 1 to 4
- **Fraction Pie Chart** – Roll No. 5 to 8
- **Algebraic Expressions Model** – Roll No. 9 to 12
- **Probability Spinner** – Roll No. 13 to 16
- **3D Coordinate Plane** – Roll No. 17 to 20
- **Angle Measurement Model** – Roll No. 21 to 24
- **3D Graph of Linear Equations** – Roll No. 25 to 28
- **Volume and Surface Area Models** – Roll No. 29 to 32
- **Real-Life to Geometry Model** – Roll No. 33 to 36
- **3D Statistics Display** – Roll No. 37 to 42

Submission Date: Roll No. 1 to 15 – 5/11/2024

Roll No. 16 to 30- 6/11/2024

Roll No. 31 onwards – 7/11/2024

Instructions:

- Please use eco-friendly materials. Models will be displayed after the holidays.
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**Best regards,
APS Clement Town**