



ARMY PUBLIC SCHOOL,
CLEMENT TOWN, DEHRADUN
HOLIDAY HOMEWORK

AUTUMN BREAK
SESSION 2024-25

CLASS VI



Date: 26/10/2024

To: Students and Parents

Subject: 3D Model Projects for Class VI

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 VI A - English (48 Students)

1. **Grammar City Model** – Roll No. 1-6
2. **Tense Time Machine Model** – Roll No. 7-12
3. **The Great Grammar Maze Model** – Roll No. 13-18
4. **Punctuation Jungle Model** – Roll No. 19-24
5. **Adjective Art Gallery Model** – Roll No. 25-30
6. **Pronoun Quest Model** – Roll No. 31-36
7. **Conjunction Castle Model** – Roll No. 37-42
8. **Grammar Carnival Model** – Roll No. 43-48

Class VI B - Hindi Grammar (47 Students)

1. **Varnamala (वर्णमाला) 3D Garden** – Roll No. 1-5
2. **Sangya (संज्ञा) 3D Town** – Roll No. 6-10
3. **Sarvanam (सर्वनाम) 3D Avatar** – Roll No. 11-15
4. **Kriya (क्रिया) 3D Robot with Movable Parts** – Roll No. 16-20

5. **Visheshan (विशेषण) 3D Character Makeover** – Roll No. 21-25
 6. **Vakya (वाक्य) Construction Site** – Roll No. 26-30
 7. **Ling (लिंग) 3D Role Play Models** – Roll No. 31-35
 8. **Vachan (वचन) 3D Farm** – Roll No. 36-40
 9. **Kaal (काल) 3D Time Machine** – Roll No. 41-44
 10. **Sandhi (संधि) 3D Puzzle with Moving Parts** – Roll No. 45-47
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Class VI C - Maths (47 Students)

1. **3D Number Line** – Roll No. 1-5
 2. **Pyramid of Factors and Multiples** – Roll No. 6-10
 3. **Model of a Clock for Time Calculation** – Roll No. 11-15
 4. **Geometrical Shape Display** – Roll No. 16-20
 5. **Fraction Pizza Model** – Roll No. 21-25
 6. **Symmetry Model** – Roll No. 26-30
 7. **3D Bar Graph Model** – Roll No. 31-35
 8. **Nets of 3D Shapes** – Roll No. 36-40
 9. **Area and Perimeter Garden Model** – Roll No. 41-44
 10. **Model of Angles Using Straws** – Roll No. 45-47
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Class VI E - Social Science (48 Students)

1. **Working Model of the Solar System** – Roll No. 1-5
 2. **3D Water Cycle Model** – Roll No. 6-10
 3. **Digestive System Walkthrough** – Roll No. 11-15
 4. **Functioning Wind Turbine Model** – Roll No. 16-20
 5. **Volcano Eruption Simulation** – Roll No. 21-25
 6. **Electromagnetic Crane Model** – Roll No. 26-30
 7. **Water Filtration System Model** – Roll No. 31-35
 8. **Simple Machines Combination Model** – Roll No. 36-40
 9. **Human Respiratory System Model** – Roll No. 41-45
 10. **Rainforest Ecosystem Diorama** – Roll No. 46-48
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Class VI F - Integrated Subject Model Projects (47 Students)

1. **Water Cycle Model** – Roll No. 1 to 5
2. **Solar System and Measurement Model** – Roll No. 6 to 10
3. **Food Pyramid and Balanced Diet** – Roll No. 11 to 15
4. **Rainforest Ecosystem Diorama** – Roll No. 16 to 20
5. **Digestive System Walkthrough** – Roll No. 21 to 25
6. **Simple Machines in Daily Life** – Roll No. 26 to 30
7. **Renewable Energy Wind Turbine** – Roll No. 31 to 34
8. **Volcano Eruption Simulation** – Roll No. 35 to 38
9. **Magnetic Levitation Train** – Roll No. 39 to 43
10. **Cultural Heritage Monument Model** – Roll No. 44 to 47

Class VI D - Science (48 Students)

1. **Food Pyramid Model** – Roll No. 1 to 5
 2. **Sorting Materials Display** – Roll No. 6 to 10
 3. **Separation Techniques Model** – Roll No. 11 to 15
 4. **Plant Structure Model** – Roll No. 16 to 20
 5. **Skeleton and Body Movement Model** – Roll No. 21 to 25
 6. **Vehicle Motion Model** – Roll No. 26 to 30
 7. **Shadow and Reflection Box** – Roll No. 31 to 35
 8. **Electric Circuit Model** – Roll No. 36 to 40
 9. **Ecosystem Diorama** – Roll No. 41 to 44
 10. **Air Pressure Demonstration Model** – Roll No. 45 to 48
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Class VI G - 3D Projects on SDGs (34 Students)

1. **No Poverty Model** – Roll No. 1 to 3
 2. **Zero Hunger Garden** – Roll No. 4 to 6
 3. **Good Health and Well-Being Display** – Roll No. 7 to 9
 4. **Quality Education Classroom** – Roll No. 10 to 12
 5. **Gender Equality Role Models** – Roll No. 13 to 15
 6. **Clean Water and Sanitation Model** – Roll No. 16 to 18
 7. **Affordable and Clean Energy Source** – Roll No. 19 to 21
 8. **Decent Work and Economic Growth Display** – Roll No. 22 to 24
 9. **Sustainable Cities and Communities Model** – Roll No. 25 to 27
 10. **Climate Action Awareness Board** – Roll No. 28 to 34
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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**