

**RAHUL MODEL SENIOR SECONDARY PUBLIC SCHOOL**  
**Recognised & Affiliated to CBSE**  
**Railway Road, Sadh Nagar-II, Palam Colony, New Delhi**

**SUMMER HOLIDAY HOMEWORK**  
**CLASS – XI SCIENCE**

<b>Name of the student</b>	<b>Topic (Draw on chart paper)</b>	<b>Topic (Draw on chart paper)</b>
1. Daksh Raj	Organic farming	Water Purification
2. Mina Ansari	Excretory System	Rain detector
3. Anshika Meena	Earthquake detector	DC Motor Robot
4. Daksh Chand	Organic farming	Emerging Technology
5. Ishika	Drip Irrigation	Dr. APJ Abdul Kalam Photo and Biography
6. Pratigya	Internet Services (Email, WWW, FTP etc.)	Smart Helmet
7. Prince Kumar	Network topology	Smart farming
8. Uzair Khan	Career opportunities in Computer Science and IT	Dr. APJ Abdul Kalam Photo
9. Yashika	Cloud Computing	Chandrayan - 3
10. Yashkirti	Automatic Street light	Organic farming
11. Om Kuber	Digital India Initiative	Hydraulic Brakes
12. Jaiwish	Cyber Crimes	Hydraulic lift
13. Khushi Verma	Smart dustbin	Conversion of Energy
14. Chaarvi Chauhan	Hydroponics	Hydraulic lift
15. M.D. Arsh	Respiratory System	Working of Kidney
16. Shreya Rautela	Respiratory System	Carbon purification in factory
17. Sidhant Rajat	Block diagram of CPU	Carbon purification in factory
18. Prayag Malik	Vaccum Cleaner	Water Management
19. Nishika	Future Technologies in IT	Hydraulic lift
20. Namya Tondan	Digital India Initiative	Automatic Fire Extinguisher
21. Sandeep	Transformer	Convert plastic to fuel
22. Manik	Smart	Waste Management
23. Janvi	Human Heart	Ethanol production from rice straw
24. Mayank Mandal	Smart City	3D Motor Robot
25. Shashikant	Generator	Human Heart
26. Ayush Raj	Electrolytic Cell	Waste Management
27. Shubham Raj	Timeline of computer Evolution	Automatic Fire Extinguisher
28. Akshay	Smart agriculture	Electrochemical Cell

**1. Draft advertisements on the following topics (two of each category) (Do this in your English Project file) (3x10=30 Marks)**

- a. Situation Vacant
- b. Situation Wanted
- c. Sale and Purchase
- d. Lost & Found
- e. Matrimonial

**2. Draft posters to create awareness on the following topics: As per your name's first alphabet (Do this A3 size sheet) (5x1=5 Marks)**

- a. Measures and prevention of Covid 19 – A to F
- b. Prevention of Drug Abuse -G to L
- c. Violence against Women – M to R
- d. Fire Safety and prevention – S to Z

**3. Character Journaling: (5x1= 5 Marks)**

Imagine you are Mourad from "*The Summer of the Beautiful White Horse*". Write a diary entry justifying your love for horses and your ethical dilemma of returning it. **(Do this in your English notebook)**

**4. Write Speech on ANY TWO of the following topics: (150-200 words) (Do this in your English Project file) (2x5=10 Marks)**

1. Impact of Cinema on Life
2. Stress and its Effects on Youth
3. English as a Global Language
4. Wildlife Conservation