

**DAE Diamond Jubilee National Science Day
Institute for Plasma Research, Gandhinagar**

Science Models

| Sr. No. | School No. | Name & Address of the School | Name of Students | Title | Working / No-Working | Signature |
|----------------|-------------------|--|---|---|-----------------------------|------------------|
| 1 | 2 | Shree H. L. Patel Saraswati Vidyalay, Modasa | 1. Panchal Priyal 2. Prajapati Mansi | Modern Suspension Bridge | Working | |
| 2 | 3 | Smt. V. D. Desai (Wadiwala) High School, Bhulka Bhavan Trust, Surat | 1. Shrushti Umeshbhai Patel 2. Ani Kishorbhai Lad | Description of Refraction | Working | |
| 3 | 3 | Smt. V. D. Desai (Wadiwala) High School, Bhulka Bhavan Trust, Surat | 1. Chaitanya Sanjaykumar Sharma 2. Sachin Pravinbhai Sailor | To calculate future's population | Non-Working | |
| 4 | 3 | Smt. V. D. Desai (Wadiwala) High School, Bhulka Bhavan Trust, Surat | 1. Kruteesh Mahulbhai Desai 2. Keval Deveshbhai Modi | Absorption of acidic gases from air by alkaly | Working | |
| 5 | 5 | Maharaja Agrasen Vidyalaya, Memnagar, Ahmedabad | 1. Master Pranjal Darda 2. Dhairya Vohra 3. Mohit Mundra | Electromagnetic Robot | Working | |
| 6 | 5 | Maharaja Agrasen Vidyalaya, Memnagar, Ahmedabad | 1. Meet Mehta 2. Nishit Pandya | Atomic Dust Cleaner | Working | |
| 7 | 5 | Maharaja Agrasen Vidyalaya, Memnagar, Ahmedabad | Saniya Modwani | Laminar Flow In Fluids (Demonstration Based Experiment) | Working | |
| 8 | 7 | Jawahar Navodaya Vidyalaya, Lanva, Patan | Chandrika Ch. | Road Friction | Working | |

Sheet1

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| 9 | 7 | Jawahar Navodaya Vidyalaya, Lanva, Patan | Hiral Vankar | Waste Management (Conversion of waste polythin into alcohol) | Working | |
| 10 | 7 | Jawahar Navodaya Vidyalaya, Lanva, Patan | Pratik Patel | Maintaing of water level in tank by vaccum | Working | |
| 11 | 12 | Pathak Public School, Metoda | 1. Mayur Goswami 2. Vekariya Aniket | Modification of tengram puzzle as a T.L.M for geometry teaching | Working | |
| 12 | 12 | Pathak Public School, Metoda | 1. Ashish Humbal 2. Prasad Sonu | Study of effects of petrolium fuels on plants growth | Non-Working | |
| 13 | 13 | St. Anne's High school, Kabir Chowk, Sabarmati, Ahmedabad | | Plastic Recycler | Working | |
| 14 | 13 | St. Anne's High school, Kabir Chowk, Sabarmati, Ahmedabad | | Effect of Weather on Agriculture | Working | |
| 15 | 13 | St. Anne's High school, Kabir Chowk, Sabarmati, Ahmedabad | | Water Turbine | Working | |
| 16 | 14 | Kanya Vinay Mandir Sanskar Tirth, Ajol, Mansa, Gandhinagar | 1. Priyanka Parmar 2. Shishara Kinjal | Solar Oven | Working | |
| 17 | 15 | Shree Narayana Guru Vidyalaya, Jodhpur Tekra, Satellite, Ahmedabad | 1. Vedant Bhavsar 2. Jenil Gajjar | | Working | |

Sheet1

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|----|----|--|---|---|---------|--|
| 18 | 15 | Shree Narayana Guru Vidyalaya, Jodhpur Tekra, Satellite, Ahmedabad | 1. Soham Patel 2. Rishi Patel | | Working | |
| 19 | 16 | Delhi Public School, Ambapur, Gandhinagar | | Smart Street Lights | Working | |
| 20 | 16 | Delhi Public School, Ambapur, Gandhinagar | | Automated Parking System | Working | |
| 21 | 16 | Delhi Public School, Ambapur, Gandhinagar | | Automatic waste segregator for household purposes | Working | |
| 22 | 17 | Shri P.C.N. High School, Meghraj, Aravalli | 1. Pandya Prachi S. 2. Gor Ameer R. | The burner is burn by water | Working | |
| 23 | 22 | T.E.E.M. School, Vaheera, Borsad, Anand | | Slide Projector | Working | |
| 24 | 22 | T.E.E.M. School, Vaheera, Borsad, Anand | | Magnetic Crane | Working | |
| 25 | 22 | T.E.E.M. School, Vaheera, Borsad, Anand | | Create Lightening | Working | |
| 26 | 23 | B. K. Amin High School, Manund, Patan | 1. Jay R. Makwana 2. Dhruvi R. Patel | Simple Cooler | Working | |
| 27 | 24 | M. B. Patel Sarvjanik Vidhyalay, Vavol, Gandhinagar | 1. Raval Dipak D. 2. Prajapati Yash H. | Fuel of twentyfirst century Hydrozen | Working | |
| 28 | 27 | Shri I. B. Patel Angel Sr. Sec. School, Borsad Road, Anand | 1. Nikunj Patel 2. Karan Patel | Hydraulik Bridge | Working | |
| 29 | 27 | Shri I. B. Patel Angel Sr. Sec. School, Borsad Road, Anand | Sneh Patel | Solar Car | Working | |

Sheet1

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| 30 | 29 | Rajasthan English Higher Secondary School (Self-financed) | 1. Suresh Jadia 2. Neel | Tests for stability of model rockets | Working | |
| 31 | 29 | Rajasthan English Higher Secondary School (Self-financed) | 1. Jay Pathak 2. Ayush Modi | Tesla coil | Working | |
| 32 | 29 | Rajasthan English Higher Secondary School (Self-financed) | 1. Jay Sharma 2. Lakhara Gopal | Producing electric energy from non conventional source or wasted energy | Working | |
| 33 | 32 | Swminarayan Dham International School | 1. Udbhav Prasad 2. Dhruv Vats | Portable Weather Station | Working | |
| 34 | 34 | SKUM School, Drive-In Road, Ahmedabad | 1. Khorasiya Yash N. 2. Jani Khush H. | Hydraulic Crain | Working | |
| 35 | 34 | SKUM School, Drive-In Road, Ahmedabad | 1. Prabhat Rajput 2. Vikas Patel | Flying Helicopter with Solar Plate | Working | |
| 36 | 35 | Jeevanbharti Pravrutti Vidyalaya, Timaliyawad, Nanpura, Surat | 1. Mistry Jay Pravinbhai 2. Kanojiya Manavkumar Mahindrabhai | Electronic stethocope with earthquake detector | Working | |
| 37 | 36 | Smt. S. K. Pathak Vidyamandir, Indraprashtha Nagar, Rajkot | 1. Nishit Pareshbhai Popat 2. Dhruvil Manojbhai Dave | Practical Demonstration of Alicrtic formula | Working | |
| 38 | 36 | Smt. S. K. Pathak Vidyamandir, Indraprashtha Nagar, Rajkot | 1. Aadity Manishbhai Pandya 2. Jeel Vipulbhai Ajadya | Preparation of Liquid fuel from waste polythene bags | Working | |

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| 39 | 36 | Smt. S. K. Pathak Vidyamandir, Indraprashtha Nagar, Rajkot | 1. Aaryan Rajeshbhai Vyaas 2. Shivam Dushyantbhai Raval | Disaster Alerting alarm | Working | |
| 40 | 38 | Shree Toraniya Prathmikshala, Junagadh | 1. Aayushi Manojbhai Kumbhani 2. Gautam K. Sangani | Mission Mars 2022 | Working | |
| 41 | 39 | Shree D. A. Patel Technical High School, Kadi, Mehsana | 1. Patel Keyur Mukeshbhai 2. Maheshwari Chintan Hemrajbhai | Mobile domestic hybrid wind mill | Working | |
| 42 | 42 | Divyapath Campus, Memnagar | 1. Nisarg Bhatt 2. Vivek Lalpura 3. Deval Panchal 4. Vashishth Patel | Water Grid | Working | |
| 43 | 42 | Divyapath Campus, Memnagar | 1. Viraj Patel 2. Dhananjay Nayak 3. Harsh Adwani 4. Priyam Patel | Metal Detector | Working | |
| 44 | 42 | Divyapath Campus, Memnagar | 1. Lucky Agarwal 2. Siddharth Patel 3. Swastik Choudhary 4. Abhilash Bhattacharya | Electricity generation from sound | Working | |
| 45 | 45 | CVM HSE Complex (Science Stream), Vallabh Vidyanagar, Anand | 1. Dhruv Walida 2. Ankur Parmar | Waterdrop generator and Hydroelectricity | Working | |
| 46 | 45 | CVM HSE Complex (Science Stream), Vallabh Vidyanagar, Anand | 1. Rahul Patel 2. Atith Patel | Wireless Electricity Technology | Working | |

Sheet1

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| 47 | 47 | Shree Ghogha Kendravarti School, Ghogha, Bhavnagar | 1. Depaiya Ramiz F. 2. Chauhan Subham B. | Vibrator of Cleaning grain running by Solar Energy | Working | |
| 48 | 47 | Shree Ghogha Kendravarti School, Ghogha, Bhavnagar | 1. Parmar Savan N. 2. Kotavadiya Kaushik J. | Solar Iron | Working | |
| 49 | 48 | Pathak Schools, Matrumandir building, Rajkot | 1. Kapuriya Naitik B. 2. Thummar Pranav K. | The Innovative Design of Hydroponics in Step Farming | Working | |
| 50 | 48 | Pathak Schools, Matrumandir building, Rajkot | 1. Padariya Naimish R. 2. Rabadiya Tushar V. | Buffing Cake from Banana Peel | Non-Working | |
| 51 | 48 | Pathak Schools, Matrumandir building, Rajkot | 1. Purohit Rakhi K. 2. Dudhagara Mansi H. | Increase in Water resistant Capacity of coaltar road by adding wastage plastic | Non-Working | |
| 52 | 53 | Karnavati Public School, Navrangpura, Ahmedabad | 1. Tulsi Trivedi 2. Heenal Shah | Save water for the future | Working | |
| 53 | 53 | Karnavati Public School, Navrangpura, Ahmedabad | | Save Tigers | Non-Working | |
| 54 | 55 | Ilol Group Sahkari Mandali High School & R. A. Patel Higher Secondary School, Ilol | 1. Bhovaniya Rahematfatema Roshanali 2. Jedhava Danish Jamilhusen | New Model Of Windmill | Working | |
| 55 | 55 | Ilol Group Sahkari Mandali High School & R. A. Patel Higher Secondary School, Ilol | 1. Suthar Jarna Kaushikbhai 2. Khanusiya Rasheda Abidbhai | Space Box | Working | |
| 56 | 56 | Matru Shree S. R. Kumar High School, Bhanvad, Devbhumi Dwarka | 1. Bandhiya Pratik R. 2. Kanara Subham M. | Cycle floating on the water | Working | |

Sheet1

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| 57 | 58 | Shree Mahatma Gandhi Vinay Mandir, Mandal, Ahmedabad | 1. Pavara Jaydeep J. 2. Patel Nikul D. | Mobile cum Metal Detector | Working | |
| 58 | 58 | Shree Mahatma Gandhi Vinay Mandir, Mandal, Ahmedabad | 1. Patel Pradynesh P. 2. Patel Meet R. | Solar Car | Working | |
| 59 | 58 | Shree Mahatma Gandhi Vinay Mandir, Mandal, Ahmedabad | 1. Chavda Pruthviraj H. 2. Goswami Jignesh D. | Agriculture Robot | Working | |
| 60 | 59 | Prerana Vidhyalaya, Sector-5A, Gandhinagar | 1. Vaghela Ankita P. 2. Sadariya Jignesh H. 3. Solanki Sweta V. 4. Chauhan Hind N. 5. Prajapati Devangi J. 6. Diwan Sameer S. | Biogas plant and its future scope | Non-Working | |
| 61 | 60 | Sant Shree Asharamji Gurukul, Motera, Gandhinagar | | Fuel from Water | Working | |
| 62 | 60 | Sant Shree Asharamji Gurukul, Motera, Gandhinagar | | Ionocraft | Working | |
| 63 | 60 | Sant Shree Asharamji Gurukul, Motera, Gandhinagar | | Thermo electric lamp | Working | |
| 64 | 61 | Anjuman High School, Malekpore, Palsana, Surat | 1. Bobat Parvez A. 2. Khadusiya Maaz A. | Scientific Demonstrations: "Science live classroom with learning process" | Non-Working | |

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| 65 | 61 | Anjuman High School, Malekpore, Palsana, Surat | 1. Pathan Sajid A. 2. Ansari Adnan U. | Scientific Calender | Non-Working | |
| 66 | 62 | Delhi Public School, Bopal Square, Bopal | 1. Arijit Das 2. Kanishk Vashishth | Wireless Electricity | Working | |
| 67 | 62 | Delhi Public School, Bopal Square, Bopal | 1. Ashish Mittal 2. Rishil Shah | Maglev Trains | Working | |
| 68 | 62 | Delhi Public School, Bopal Square, Bopal | 1. Aatman Modi 2. Dhvanil Sangri | Geo Thermal Power | Working | |
| 69 | 63 | Amrut School, Shahibaug, Ahmedabad | 1. Mehul Prajapati 2. Siddharth Patni | DID (Dual Impact Device) | Working | |
| 70 | 64 | Shree K.G. Dholakiya School, Rajkot | | Robotics Science | Working | |
| 71 | 64 | Shree K.G. Dholakiya School, Rajkot | | Antibacterial activity of Ficus religiosa bark powder | Non-Working | |
| 72 | 64 | Shree K.G. Dholakiya School, Rajkot | | Antibacterial & Photochemical Screening of Wosomnifera | Non-Working | |
| 73 | 64 | Shree K.G. Dholakiya School, Rajkot | | Antibacterial activity of papaya leaves | Non-Working | |
| 74 | 67 | Smt. S. K. Pathak (Eng. Med.) School, Matrumandir, Rajkot | 1. Kamani Dhyey D. 2. Thakor Sahil K. | Smart Village | Working | |
| 75 | 67 | Smt. S. K. Pathak (Eng. Med.) School, Matrumandir, Rajkot | 1. Suchak Mit P. 2. Dixit Dishan M. | Flying Camera recorder | Working | |
| 76 | 67 | Smt. S. K. Pathak (Eng. Med.) School, Matrumandir, Rajkot | 1. Kantesariya Sagar V. 2. Popat Karan N. | Catching Sunrays | Working | |

Sheet1

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| 77 | 67 | Smt. S. K. Pathak (Eng. Med.) School, Matrumandir, Rajkot | 1. Rathod Rajvir J. 2. Solanki Dev B. | 3D Effect of Solar system | Working | |
| 78 | 68 | Jyoti Vidyalaya, Mansa, Gandhinagar | 1. Darji Nishwal N. 2. Patel Jaimik P. 3. Chavda Aditya | Production of Insulin through recombinant DNA technology | Non-Working | |
| 79 | 69 | Madresa High School, Anand | 1. Habeeb Iqbal Vohra 2. Mo Faiz Abdul Azeez Vohra 3. Faizal Ilahi | Maths learning tools | Working | |
| 80 | 70 | Sett Rustomjee Jamsetjee Jejeebhoy High School, Valsad | Mihir Jayeshbhai Pujara | Spy rover - The DF | Working | |
| 81 | 72 | Shantiniketan Vidyalaya, Vejalpur Sarkhej Road, Ahmedabad | 1. Saiyed Altams Jakirhusen 2. Pawar Faizan Riyazbhai | Wooden Box: Save Fuel | Working | |
| 82 | 77 | A-One School, Satellite, Ahmedabad | 1. Vraj Ghoda 2. Yash Shah | Conservation of Electricity | Working | |
| 83 | 81 | Late Shree S. G. Dholakiya Memorial High School, Rajkot | 1. Rajivguru Harsh 2. Bhudhdev Dhaval | Plastic Brick | Non-Working | |
| 84 | 81 | Late Shree S. G. Dholakiya Memorial High School, Rajkot | 1. Bhalara Uttam 2. Sarathiya Sahil | Shoepolish from banana skin | Non-Working | |
| 85 | 82 | Divine High School, Rajkot | 1. Kanpariya Varsheel 2. Maraviya Smeet | Non convational washing machine | Working | |
| 86 | 83 | Shree G. K. Dholakiya School, Rajkot | 1. Saravda Aayushi 2. Joshi Noopur | Herbal Hand Wash | Non-Working | |
| 87 | 83 | Shree G. K. Dholakiya School, Rajkot | 1. Nathavani Riya 2. Thummar Vidita | Air Circulation System | Working | |

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| 88 | 83 | Shree G. K. Dholakiya School, Rajkot | 1. Viraparia Keyuri 2. Kanani Kemi | Effect of Senna auriculata flower extract on bacteria | Non-Working | |
| 89 | 86 | F. D. High School, Juhapura, Ahmedabad | 1. Saiyed Rumana Mayuddin 2. Hathila Numa Mehboobhai | Ebola Virus | Working | |
| 90 | 87 | Shree Sandipani Vidhyalay, Sant Kabir Road, Rajkot | 1. Sabad Uday L. 2. Lokhlil Shivhraj | Eco-Friendly air cooler | Working | |
| 91 | 88 | Shree Nava Giriya Primary School | | Temperature Fan | Working | |
| 92 | 89 | Shree Swaminarayan Polytechnic, Sector 22, Gandhinagar | 1. Mahin Makwana 2. Urval Shroff | Smart cum green city plan | Working | |