



BLUE BELLS MODEL SCHOOL

FUTURIX 6.0

17th May 2025

CELEBRATING CREATIVITY

FUTURIX 6.0: DESIGN AND INNOVATION FAIR

“Embracing Destructive Innovation To Design The Community of Future”

Unleashing student creativity Futurix 6.0: A vibrant showcase of design at the school design fair depicts the brilliant innovation of our young minds. The event was graced by Mr. Satish Pahal, Deputy Secretary, Skill Education, CBSE.

The fair was a success and highlighted the importance of design and its impact in our daily lives, showcasing diverse range of products designed by our budding intellects.

Dr. Saroj Suman Gulati, Director, Blue Bells Group of Schools, visions that the fair develops a spirit of curiosity where an investment in knowledge always returns the best interest in creating a better society. She also emphasises the fact that a person who has never made a mistake has never tried anything new.

The school believes that dedication, perseverance, creativity and cognitive skills are all that students require to unleash their full potential and become ready for the future. As we celebrate creativity and innovation, we extend our heartfelt gratitude to everyone who supported our students in their artistic ventures.

Best Regards
School Innovation Team



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III

“A Shift From Linear To Circular”

Students of Grade III unveiled projects focussed on ground-breaking ideas which are eco-friendly. It stunned the audience with their futuristic thinking and socially impactful projects. Grade III A presented Robotic Hand and Smart Street Innovation that fosters the need to conserve the environment.

Grade III B presented Healthcare at Your Fingertips -The Health ATM bridges the healthcare gap, bringing essential medical support to public spaces. The Fresh Tag – Smarter Than an Expiry Date promotes safer consumption and reduce food waste, empowering consumers to trust science over static dates.

The “Innovators’ Lens” of Grade III C presented Solar Car, Rain Protected Cloth Stand, Automatic Fog Lamp, Robotic Dog and Desktop Sweeper .

The “Vision Voyagers” of Grade III D stood out with their display of models such as the Energy-Saving Light, the Automated Watering Machine, the Control Gun and the Solar Energy Plant which thoughtfully crafted and displayed the students' grasp of sustainable living.

The “Little Einsteins” of Grade III E amazed everyone with their out-of-the-box thinking by creating Magical Vending Machine, Automatic Water Dispenser, Rain Guard, Mini Water Cooler, Organic Farming, Self-Watering Garden and Potato-Powered Electricity Generator. The projects highlighted the importance of design and its impact on our daily lives.



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IV

“Recycle Today for a Better Tomorrow”

The exhibits of Grade IV A included Eco Bloom AI, Helio Focus, Polygone: The Green Revolution, Seismo Watch, Solara City, Trash IQ and Eco Sentinels.

The students of Grade IV B presented an array of exhibits pertaining to different ideas like Pocket Light Show, Smart Can, Invisi Guard, Eco Sweep, Flood Flex Solutions and Rain Root. A standout feature was the incorporation of technology with a display of smart products.

Grade IV C “The Neo Stars” featured innovative projects that addressed real-world challenges like Air Pure, Magic Bin, Eco Motion, Zap Way, Pure Drop, Citrus Cell, Lite Loop and Trash To Terrace.

The “Illumination Initiative” of Grade IV D dazzled with their creative projects like Quake Buzz, Bee Bot, Crash Cut, Light Lock, Paw Haven, Sun Chill, Terra Cool and Shade Snap. The class showcased the needs of people and animals thereby making a difference and collaborating to bring ideas to life.

The students of Grade IV E displayed Recycle Bot, Bottle Reborn, Hydro Grow, Fortress Guard, Power Puff, and Robo Scrub .

These projects were a testament to the power of young minds when guided and inspired.



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V

“Consume Less, Share Better”

The students of Grade V A presented a variety of forward-thinking projects, including: Stride Charge, Green Print, Bio Identix, AeroVolt, OrbitIQ, Green verse. The fair provided a great opportunity for students to engage with the community and demonstrate their creativity.

The students of Grade V B designed projects like— Hydro Cleanse , Frost Herb, Evo Cruze, SattvSphere, Agri Fence AI and Modular Homes.

Grade V C exhibited ideas like PluviSens, Clean Botix, ReNuMe, Hydro San, Plant Quench Bio Vault and Safe Nest in which the students had used recycled materials which brought positive feedbacks from the visitors.

Grade V D's - The Bright Sparks showcased a wide range of innovative projects like Auto Pilot, Thirsty Steps and Roof Reboot, each exhibiting empathy and creativity.

It reminds us that “Design creates culture, culture shapes values and values determine the future”.



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VI

“Innovation is a Change that Unlocks New Value.”

The “Future Avengers,” of Grade VI A designed an eco-friendly paper Bridge for flood situations and a Portable, Energy-Efficient Air Conditioner.

Grade VI B “Tech Pioneers” amazed everyone with devices like Bacteria-Fighting Tools, Smart Streetlights, Wetness Sensors, and an Ultra-Smart Bin.

Grade VI C’s “Curiosity” team showcased innovations such as Generating Electricity from Raindrops, Fire-Fighting Robots and Smart Farming Tools.

Grade VI D’s “Neuro Spark” group focused on organic farming using natural methods like compost and introduced creative projects such as the Inferno Eye for the visually impaired, Automatic Clothes Shifter, Solar Irrigation Systems, and Hydraulic Lift showcasing their concern for society.

Grade VI E’s “Dream Innovators” contributed with Solar Panel-Powered Cars and Imaginative Dream Catchers.

The fair truly reflected the students’ enthusiasm, and passion for innovative thinking beyond imagination.



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VII

“Go Green, There is No Planet B”

Grade VII A's “Future Warriors” worked on ideas such as a Zero-Waste Café, Smart Ring, and Walking Stick for daily use.

Grade VII B's “Nexus Nova” enhanced their technical abilities through projects like Food Guard, Electricity Transport Systems, and Car Cradle.

Grade VII C's “Innova Lab” demonstrated strong social awareness with models for managing water overflow and sensor-based systems to prevent water wastage.

Grade VII D's Innov8 Hub displayed their talent with the help of a number of inquisitive models like Portable Water Solution, Anti-Collision System, website for providing education on Cyber Threats.

Grade VII E's “Idea Igniters” stood out with impactful projects such as an Appropriate Content Browser (ACB), Rainwater Harvester 2.5, Trash Picker Robot.

These young minds are not only thinking creatively but also working towards real-world solutions that can uplift communities and drive meaningful changes.



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VIII

"Innovative Thinking, Game Changing solutions ."

Grade VIII A's "Mavericks" showcased creativity and renovation through their diverse projects such as the Feather Guard, a Hydro Purifier, and a Piezoelectric Generator that converts sound into electricity, reflecting their approach to real-world challenges.

The "Bright Minds" of Grade VIII B addressed pressing societal concerns with solutions like Canteen Waste Minimization System, Fire-Detecting Alarm Truck equipped with advanced sensors and Waste Management Plant.

Grade VIII C's "Conceptual Thinkers" offered impressive solutions to modern-day issues, presenting solutions for Gas Leakage Detection, Space Debris Collection, Rainwater Logging, and energy crises through Solar-Powered Vehicles.

The "Inquisitive Innovators" of Grade VIII D displayed projects including the HyperLooperz, Accident-Prevention Lift, Innovative Water Harvesting System, Smart Remote-Controlled Devices.

All these projects reflected their deep commitment to sustainable development.



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IX

“Be the Change, You Wish to See in the World”

Grade IX A's “Fusion Forge” captivated everyone with projects such as Trashy-Tech, Clean Bot, Instabin, and Glow Green—each reflecting their strong sense of social responsibility and commitment to sustainable living.

Grade IX B's “ExSciTment” group showcased youthful creativity like Automated Dustbin, Uniform Verification System, and Solar-Powered Air Purifier.

Grade IX C's “Zealous Warriors” introduced Brain Brew, an inventive cup-based companion designed to transform everyday study routines into engaging and mindful experiences along with Animal Carcass Picking Machine, Crutch with Shock Absorber.

Grade IX D's “Ecotrix Enthusiasts” impressed everyone with their eco-conscious inventions including Eco Bump, Water Man, Air Thrive and Urban Atmosphere Farming Pods, all of which underscored their deep concern for environmental well-being and the future of our planet.

“Debugging Dynamos” of Grade IX E designed an app MoqCoin, Silent Alarm Pillow, Vibrillow and Eco-Stemds.

All the presentations displayed the inquisitive minds of students in technology.



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X

“Curiosity is the Wick in the Candle of Learning”

The inventive minds of Grade X-A, “Curious Crew”, showcased their brilliance through pioneering projects such as Scunderia Vactrain, Brainey Baggers, and Flora Jewels.

Grade X-B turned imagination into visions, ranging from Pressure-Sensitive Plates to an advanced Smart Underground Waste Disposal System—each initiative designed to create a meaningful impact.

Grade X-C’s “Catalyst Crafters” demonstrated ingenuity by enhancing Drones for efficient urban deliveries and developing a Gesture-Based User Interface.

The “Tech Wizards” of Grade X-D created Innoventrix demonstrating their skills and passion towards shifting their goal from linear to circular path of zero wastage.

The “Evokers” of Grade X-E introduced Piezoelectric Roads, proposing the use of these smart materials on high-traffic routes to efficiently harness kinetic energy and generate electricity.

This platform helped them to hone skills and enhance learning beyond the classroom.



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XI

“Test Fast, Fail Fast, Adjust Fast”

The “Kaleido Spark” of Grade XI-A captivated everyone by presenting innovative projects such as Green Bloom, Magni Culture, Therapeutic Care, and Eco Vichar.

The “Zenith Vanguard” of Grade XI-B impressed everyone with initiatives including the Solar Insect Trap, Industrial Enzyme Engineering, and Self-Repairing Plastic, each addressing critical ecological challenges.

Grade XI-C’s “Chronic Crafters” brought their inquisitive spirit to life through projects like Air Weave, Vriksha SIP, and the Solar Desalination Backpack, underscoring their commitment to sustainable living and reverence for nature.

The “Techno Vision” group of Grade XI-D showcased smart urban solutions through innovations such as Smart Parking System and Parli Fuel.

The “Trailblazers” of Grade XI-E presented forward-thinking models including H₂O Harvest, Matrix Escapers, and the Night Helmet, reflecting both safety and resource conservation.

Students of Grade XI-F demonstrated their deep concern for water sustainability through projects like PWR and Hydro Guard.

Grade XI-G’s “Quantum Questers” advanced the realm of renewable technology with ADAPT-IT, a novel model aimed at promoting sustainable charging solution.

By engaging in hands-on experiments and creating models, the participants gained experience and developed essential skills.



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XII

“Challenges are what make Life Interesting”

The “Design Dynamos” of Grade XII-A exhibited ‘Athlix’, a data driven school sports management system aiming at tracking and improving students’ athletics, displaying their innovative prowess.

Grade XII-B’s “Originatives” initiated with their forward-thinking projects, including ‘Udaan’ which focussed at creating prosthetic wings for birds.’ They further demonstrated their resolve for social welfare with ‘Aqua Loop.’

Grade XII- D’s “The Quantum Crew” demonstrated their skills by showcasing their projects on the pressing concerns like Animal carcass Picking machine, crutch with shock absorber and fourth light to reduce traffic jams.

Grade XII E’s “Neon Sentinels” developed a Solar Car that runs on solar energy with a Hybrid Model of EV and Solar. They also worked on the models like Ecowardrobe Initiative and Budget Builders.

The fair helped in promoting teamwork, cooperation and inventive thinking among learners.



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PROJECT TOKRI 2.0

From quiet contributors to proud entrepreneurs,
the journey reflects
the true spirit of
inclusion, sustainability, and dignity.

