

A grayscale photograph of three students in a classroom setting, overlaid with a dark, semi-transparent grid pattern. Two students in the foreground are focused on a task on a table, with one holding a long, thin object. A third student is visible in the background. Various scientific and technical equipment, including microscopes and electronic components, are scattered on the table.

STAFFORD STEM MAGNET SCHOOL NEXT LEVEL!

WELCOME

DR. ROBERT BOSTIC



PURPOSE

TRUSTEE ASH HAMIRANI



HIGHLIGHTED AREAS



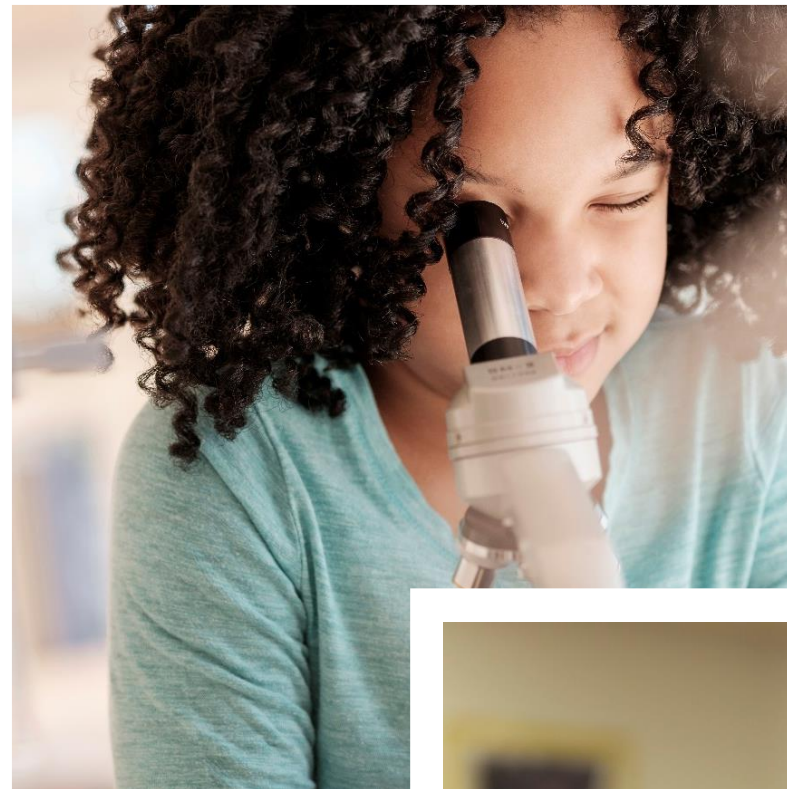
Data Highlights



STEMulized Targets



Admission Process

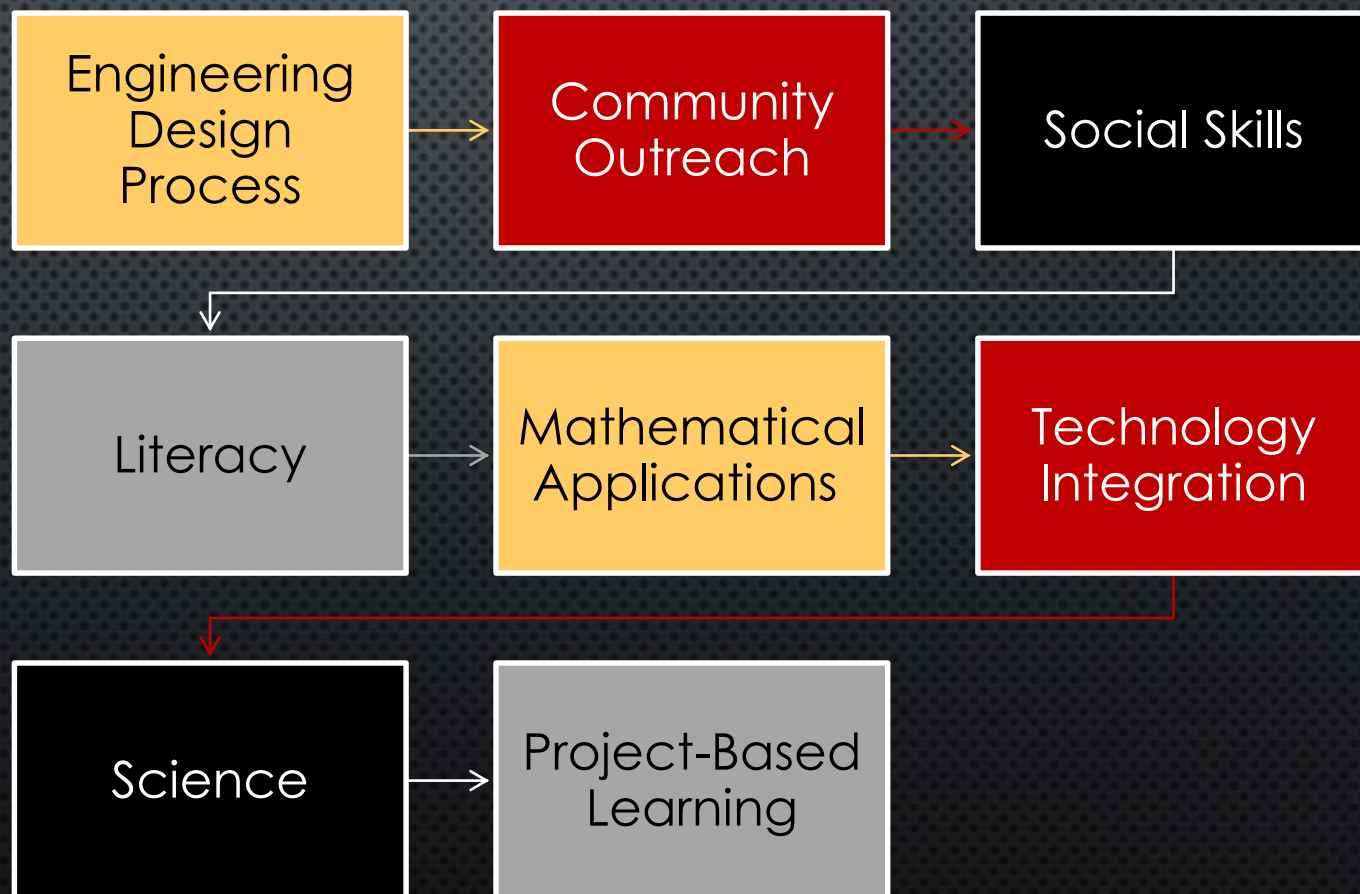


ROBOTICS PRESENTATION



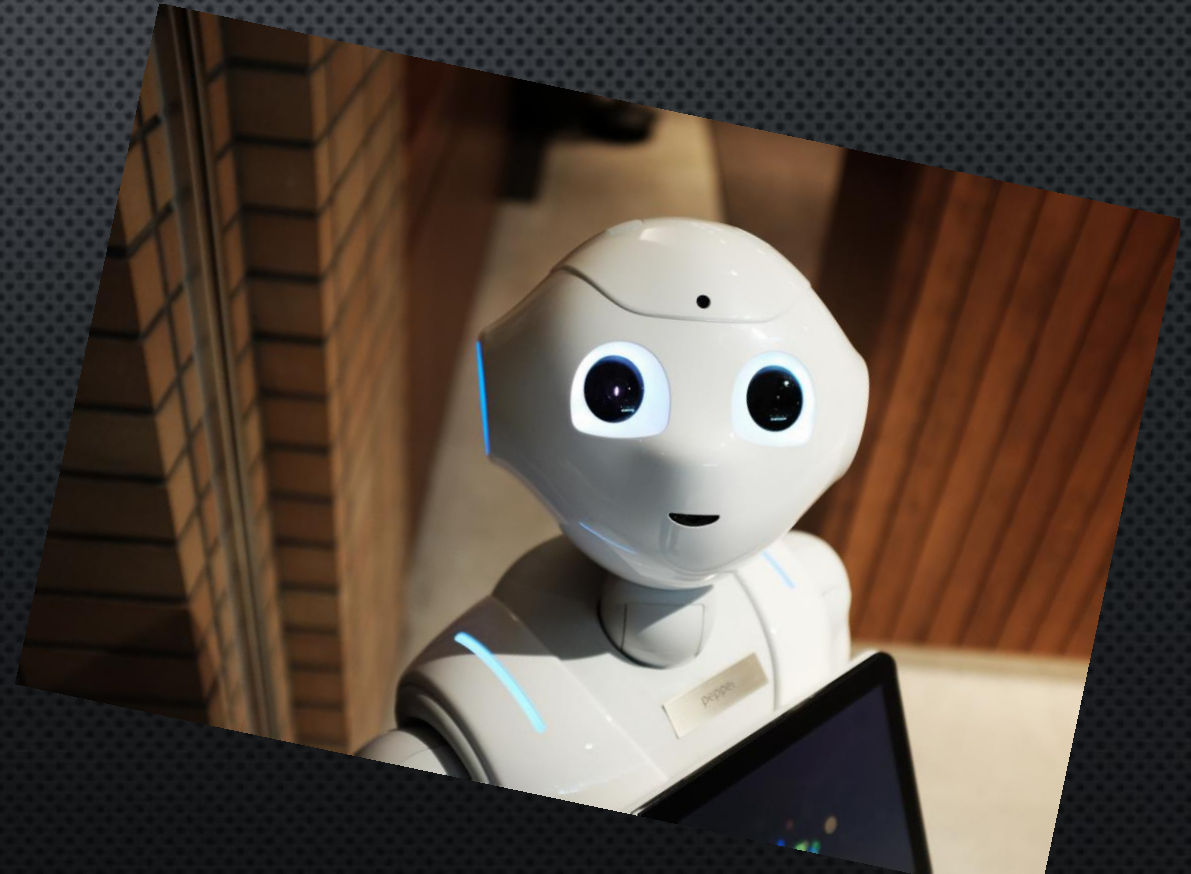


STEMulized TARGETS



ENGINEERING DESIGN PROCESS

- LEGO PROJECTS
- HANDS ON BIOMEDICAL ENGINEERING
- ENGINEERING PRINCIPLES
- CAREER IMMERSION
- TRENDS IN ENGINEERING
- INNOVATIONS IN ENGINEERING
- CODING AND ROBOTICS
- ARTIFICIAL INTELLIGENCE



COMMUNITY OUTREACH

- INTERCULTURAL UNDERSTANDING
- COMMUNITY SERVICE PROJECTS
- RIGHTS AND RESPONSIBILITIES OF CITIZENSHIP
- FIELD TRIPS
- SITE VISITS TO CUTTING-EDGE TECHNOLOGICAL SITES
- FESTIVALS
- VOLUNTEER OPPORTUNITIES



SOCIAL SKILLS

- EMERGENT OF LANGUAGES
- CREATIVE EXPRESSION THROUGH ARTS
- DEVELOP PERSONAL GOALS AND ACTION PLANS
- LEARN A VARIETY OF MODES OF COMMUNICATION
- ACTIVITIES BASED ON STUDENTS' INTEREST
- CRITIQUING THE REASONING OF OTHERS
- PREPARATION FOR ACT & SAT
- ORGANIZATION AND CLUBS
- COLLEGE READINESS SKILLS
- LEADERSHIP SEMINAR

LITERACY

- CASE STUDIES
- MONTHLY “LITERATURE CAFÉ SHOWCASES” AND “FAMILY READING NIGHTS”
- BLUEBONNET BOOK CLUB & NAME THAT BOOK CLUBS
- “BATTLE OF THE BOOKS”
- SPELLING BEE COMPETITION
- BOOK CHARACTER & AUTHOR VISITS
- EXPLORATION OF DIFFERENT GENRES OF READING IN OUR LITERATURE LABS
- DEBATES AND WRITING CONTESTS
- JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM (JSHS)

MATHEMATICAL APPLICATIONS

- 90 MINUTES OF MATH DAILY
- ALGEBRA INTRODUCED IN 7TH GRADE
- GEOMETRY INTRODUCED IN 8TH GRADE
- INVESTIGATION OF CAREERS IN MATH
- REAL WORLD PROBLEM SOLVING
- EVERYDAY LIFE MONEY MANAGEMENT
- DEVELOPING AND USING MODELS TO SOLVE PROBLEMS



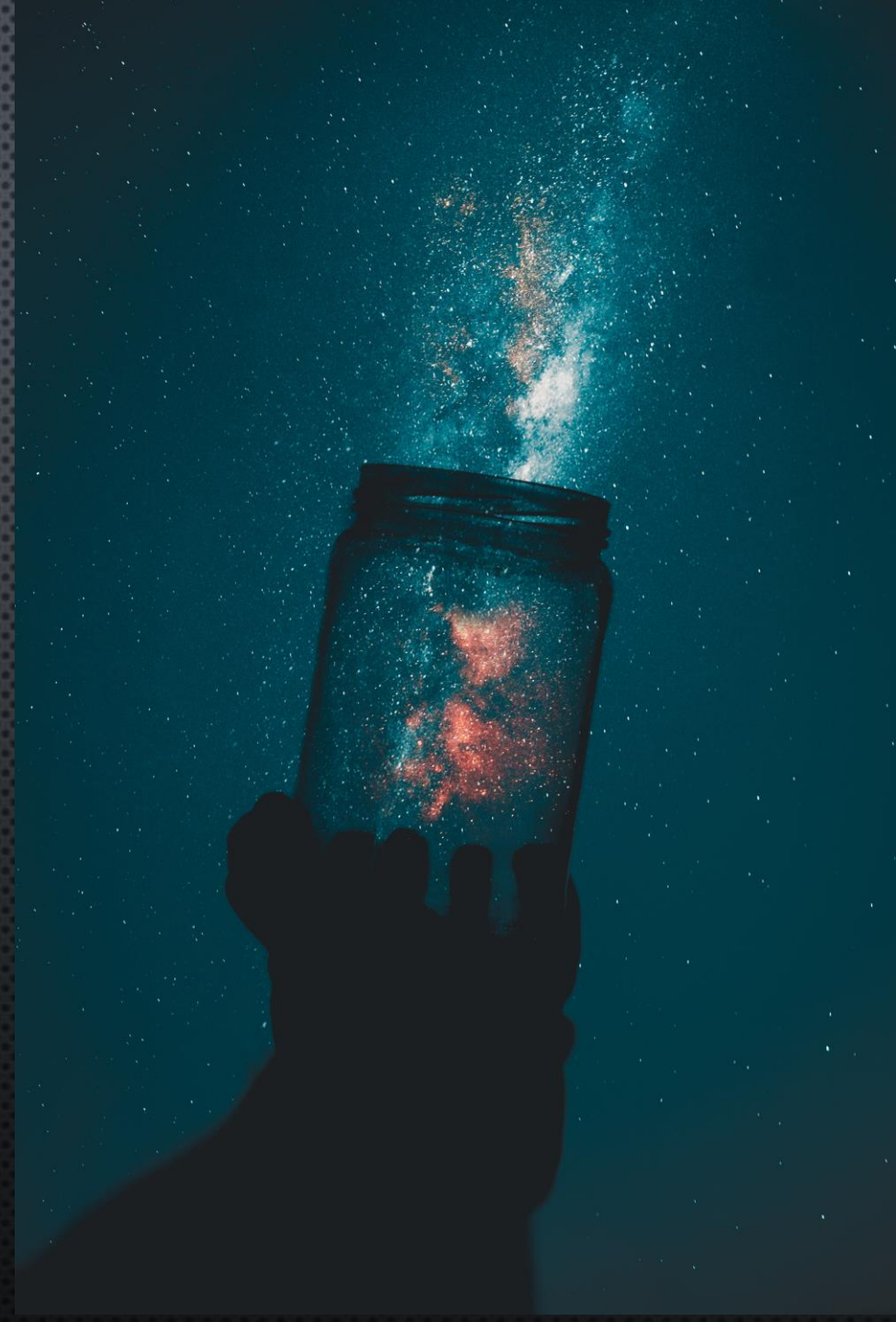
TECHNOLOGY INTEGRATION

- USING COMPUTER PLATFORM TOOLS
- MICROSOFT SUITE
- LEARNING THE LOGIC OF PROGRAMMING
- TECHNOLOGY AS MEANS OF COMMUNICATION
- APPLE CODING
- GAMING
- FLIP CLASSROOMS
- BLACKBOARD



SCIENCE

- HANDS-ON SCIENCE WEEKLY
- PROJECTS RELATED TO SCIENCE
- EXPLORING ADVANCED CONCEPTS
- GUEST SPEAKERS AND FIELD TRIPS
- STUDENT-CENTERED APPROACH
- BIOLOGY INTRODUCED IN 5TH GRADE
- HANDS-ON WORK WITH REAL SCIENTISTS



PROJECT BASED LEARNING

- HOLISTIC APPROACH
- INTEGRATION OF ALL CORE AREAS
- PROJECTS RELATED TO SCIENCE AND MATH
- EXPLORING ADVANCED CONCEPTS
- BACKWARD DESIGNS
- ESSENTIAL QUESTIONS WITH BIG IDEA STATEMENTS
- DISCOVERING REAL WORLD CHALLENGES
- CAPSTONE PROJECT IMPACT CHALLENGE
- STUDIES AND TRAVEL ABROAD

APPLICATION PROCESS

- ISEE-INDEPENDENT SCHOOL ENTRANCE EXAM
- MATH AND READING TEACHERS' RECOMMENDATIONS
- WRITING ESSAY
- INTERVIEW
- STATE ASSESSMENT RESULTS
- GRADE POINT AVERAGE – 85% OR BETTER



VOTE FOR THE LOGO



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NEXT STEPS

- BECOMING A HOST CAMPUS FOR THE ISEE EXAM
- COMMITTEE MEETINGS
- SCHOOL TOURS
- APPLICATION PROCESS



CONTACT INFORMATION

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VISIT OUR WEBSITE

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A word cloud featuring the phrase "Thank you" in multiple languages. The words are arranged in a circular pattern, with some words appearing more prominently than others. The colors used are white, yellow, and red. The background is black.

Words included in the word cloud:

- salamat.
- merci
- grazie
- efharisto
- shukran
- danke
- dank
- tak
- hvala
- Xie
- khun
- arigato
- you
- spasiba
- kamsahamnida
- kasihobrigado
- terima
- kop