



TECH PREP SOLUTIONS INC.



EXPLORATION
EDUCATION
OPPORTUNITY
BRIGHTER
TOMORROWS

SHARC INITIATIVE

NASA-FUNDED SCHOOL PROGRAM

FOR YOUR SCHOOL

SCIENCE
IDEAS
STUDENTS
STRONGER
COMMUNITIES

PROGRAMS WE OFFER

STEM TODAY. A BRIGHTER TOMORROW.

AI FILM CREATOR

IMAGINE
CREATE
TELL
INSPIRE



STORYTELLING MEETS TOMORROW'S TECHNOLOGY

PYTHON PROGRAMMING

CODE
SOLVE
BUILD
EXPLORE



REAL SKILLS. BRIGHTER POSSIBILITIES.

ROBOTICS

DESIGN
BUILD
PROGRAM
INNOVATE



HANDS-ON LEARNING FOR A HIGHER TOMORROW

MATH COMPETITION TRAINING

PRACTICE
THINK
SOLVE
ACHIEVE



SHARPER MINDS. BRIGHTER FUTURES.

NASA Grant No. 80NSSC26K0502

*Students
Discover
Possibilities*

TECH PREP SOLUTIONS INC.



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HIGHER
LEARNING
A BRIGHTER
WORLD

TECH PREP SOLUTIONS INC.

SHARC INITIATIVE

NASA-FUNDED SCHOOL PROGRAM

PROGRAM DESCRIPTIONS

OFFERED TO SCHOOLS AT NO COST



AI FILM CREATOR

Students write, storyboard, and produce short films using AI video and editing tools — learning storytelling, visual design, teamwork, and the responsible use of AI along the way.



PYTHON PROGRAMMING

An introduction to coding in Python — variables, loops, functions, and hands-on projects such as games and data tools — that builds the problem-solving habits every STEM field relies on.



ROBOTICS

Students design, build, and program robots in teams, taking on engineering challenges and learning how sensors, motors, and code come together to make a machine move and think.



MATH COMPETITION TRAINING

Structured preparation for MATHCOUNTS, AMC 8, AMC 10/12, and AIME, with weekly problem sets, timed practice, and coaching in the techniques that contests reward.



MATH BEAST ACADEMY

A rigorous, puzzle-based mathematics program for younger students that builds deep understanding of arithmetic, geometry, and pre-algebra through challenging, engaging problems.



RESOLUTION OF CONFLICT

Students learn communication, active listening, mediation, and de-escalation skills, paired with healing-arts activities that help them manage stress and settle disagreements constructively.



MARKETING

Students learn how ideas reach an audience — branding, messaging, social media, and simple analytics — and practice by planning real campaigns that promote SHARC programs and school events.



NUTRITION

Students explore how food fuels the body and mind — reading labels, planning balanced meals, and preparing simple healthy dishes — and connect what they eat to their focus, energy, and wellbeing.



ADVANCED PROBLEM-SOLVING MATHEMATICS COURSES

A full sequence for strong math students who want to go further than the school curriculum: **Prealgebra** • **Introduction to Algebra** • **Introduction to Counting & Probability** • **Introduction to Number Theory** • **Introduction to Geometry** • **Intermediate Algebra** • **Intermediate Counting & Probability** • **Precalculus** • **Calculus**, plus contest preparation for MATHCOUNTS, AMC 8, AMC 10/12, and AIME.

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