

THE OHIO ACADEMY OF SCIENCE



2026 OHIO STEP AWARDS CEREMONY



PROGRAM

- OPENING REMARKS BY OAS EXECUTIVE DIRECTOR, MIKE WOYTEK
- SUMMARY PLAN AWARDS – MIDDLE SCHOOL
 - HONORABLE MENTION
- BUSINESS PLAN AWARDS – HIGH SCHOOL
 - HONORABLE MENTION
 - FIRST PLACE AWARD
- COMMERCIALIZATION PLAN AWARDS – HIGH SCHOOL
 - HONORABLE MENTION
 - FIRST PLACE AWARD
- FINAL REMARKS



SUMMARY PLAN

GRADES 6-8

INVESTIGATES STEM CONCEPTS AND HOW THIS KNOWLEDGE CAN BE APPLIED TO CREATE NEW PRODUCTS AND SERVICES IN THE MARKETPLACE. USING THE *OHIO STEP INNOVATION CANVAS* AS THE FRAMEWORK, STUDENTS DEVELOP A SOLUTION (PRODUCT OR SERVICE) TO A PROBLEM OR MARKET OPPORTUNITY AND ASSESS THE MARKET FEASIBILITY OF THEIR IDEA.

SUMMARY PLAN *HONORABLE MENTION*

WESTON CARSON

FROM: ST. ROSE SCHOOL IN WOOD COUNTY

PROJECT: EXTRACTING HYDROGEN FROM WATER AS A FUEL SOURCE

MADDOX APLIN

FROM: ST. ROSE SCHOOL IN WOOD COUNTY

PROJECT: SMART SLEEVE

NEO DAVE

FROM: THE UNIVERSITY SCHOOL - SHAKER HEIGHTS CAMPUS IN CUYAHOGA COUNTY

PROJECT: HEAT RETAINING PERFORMANCE OF HOT LIQUID BOTTLES

\$25 AMAZON GIFT CARD

STEM BUSINESS PLAN

GRADES 9-12

IS A WRITTEN DOCUMENT THAT EXPLAINS HOW TO CREATE A NEW PRODUCT/SERVICE OR IMPROVE AN EXISTING ONE BY ADDING NEW FEATURES OR CAPABILITIES. THIS PLAN ASPIRES TO TURN AN IDEA INTO A REAL-WORLD BUSINESS OPPORTUNITY THAT CAN BE SUCCESSFULLY BROUGHT TO MARKET. IT PROVIDES WRITTEN PROOF THAT THE PRODUCT OR SERVICE IS NOT ONLY INNOVATIVE BUT ALSO FINANCIALLY VIABLE AS A BUSINESS VENTURE.

STEM BUSINESS
HONORABLE MENTION

NIKITA KAKADE

FROM: DAYTON REGIONAL STEM HIGH SCHOOL IN MONTGOMERY
COUNTY

PROJECT: SELF-DRIVE AND THRIVE

\$200 CASH AWARD

STEM BUSINESS
FIRST PLACE AWARD

**DOMINICK MAHONEY, BRAYDEN BOSLEY, AND
SAVINO CAPICCIONI**

FROM: OLMSTED FALLS HIGH SCHOOL IN CUYAHOGA COUNTY

PROJECT: SOLAR SIPS

\$1,500 SCHOLARSHIP

STEM COMMERCIALIZATION PLAN

GRADES 9-12

EXPLAINS HOW A NEW OR EXISTING STEM PRODUCT OR SERVICE IDEA, WHICH INCLUDES EITHER A PROTOTYPE, STEM PROCESS, OR TECHNOLOGY, CAN BE USED OR IMPROVED TO SOLVE A PROBLEM BY APPLYING RESEARCH FROM VARIOUS STEM FIELDS. IT PROVIDES WRITTEN PROOF THAT THE PRODUCT OR SERVICE IS INNOVATIVE AND HAS THE POTENTIAL TO BE COMMERCIALIZED.

STEM COMMERCIALIZATION

HONORABLE MENTION

ELLA LANEVE AND SAMANTHA GASPAR

FROM: NOTRE DAME-CATHEDRAL LATIN HIGH SCHOOL IN GEAUGA COUNTY

PROJECT: SAFERSTOP

ZOEY MYERS AND MIA LIGNETTA

FROM: NOTRE DAME-CATHEDRAL LATIN HIGH SCHOOL IN GEAUGA COUNTY

PROJECT: THE TABLET TO DISSOLVE PET HAIR OFF YOUR CLOTHES: FURFREE

\$200 CASH AWARD

STEM COMMERCIALIZATION

HONORABLE MENTION (CONT.)

LINCOLN MILLER AND EVA KRAGE

FROM: NOTRE DAME-CATHEDRAL LATIN HIGH SCHOOL IN GEAUGA COUNTY

PROJECT: THE SHOE FOR PROSTHETIC FEET: TRUEMOVE

AUSTIN OTERO AND ANTHONY CHAMOUN

FROM: NOTRE DAME-CATHEDRAL LATIN HIGH SCHOOL IN GEAUGA COUNTY

PROJECT: GLACIER GRIP - THE SKI STOPPING MECHANISM

\$200 CASH AWARD

STEM COMMERCIALIZATION

FIRST PLACE AWARD

ANANYA DESAI

FROM: MASON HIGH SCHOOL IN WARREN COUNTY

PROJECT: BLOODCONNECT OFFLINE: A LOCAL-FIRST PLATFORM FOR RELIABLE, OFFLINE BLOOD DONOR COORDINATION

\$1,500 SCHOLARSHIP



THANK YOU FOR ATTENDING

