

WHAT IS STEM?

Janice Lawler

STEM Professional Development Specialist

WHAT IS STEAM?

S- Science

T- Technology

E- Engineering

A- Arts

M- Mathematics



STEM EDUCATION: 21ST CENTURY PROBLEM SOLVERS



WHAT OPPORTUNITIES WCSD OFFERS IN ELEMENTARY?

[Science 21 Curriculum](#) -> [Next Generation Science Standards](#)

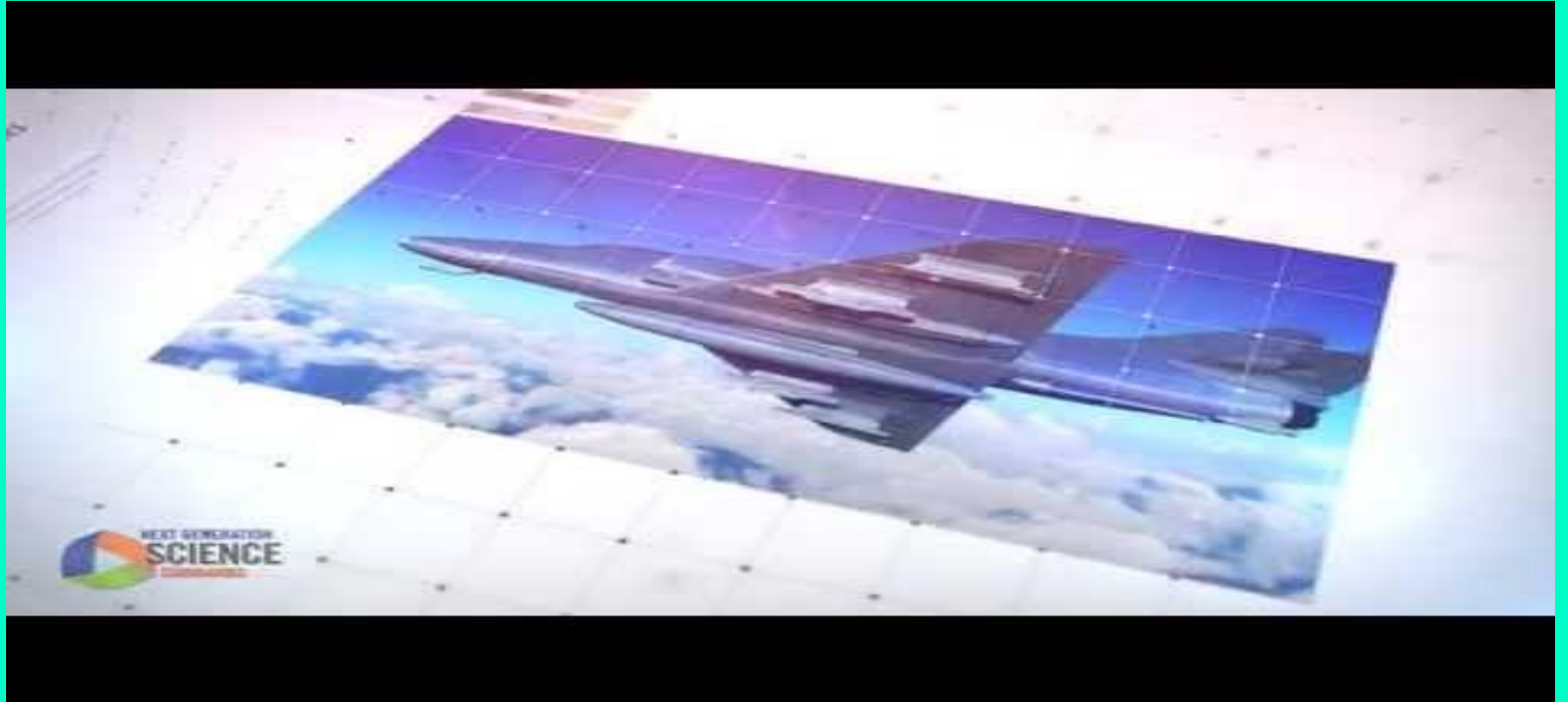
Technology in our schools, Chrome Books, lab tops, Mac books, Ipads

Science/STEM Fair Grades 5-12- Saturday, February 27, 2016

Elementary Schools offer a Science Fair

STEM, Mathematics, ELA/Social Studies Professional Development Teachers and Technology Integration Teachers

WHAT ARE NEXT GENERATION SCIENCE STANDARDS?



CHALLENGES I'VE OFFERED SO FAR THIS YEAR:

M+M'S (1ST GRADE)

PARACHUTES (6TH GRADE)

HOURLY OF CODE (ALL GRADES)

MAKER CHALLENGES, TALLEST STRUCTURE (ALL GRADES)