WHAT IS

STEM?

Career
Guidance
washington

WHAT IS STEM?

SCIENCE!

Biology

Chemistry

Physics

Ecology

Environmental Studies

WHAT IS STEM?
TECHNOLOGY!

Computers

Software

Alternative Energy

Artificial Intelligence

Green Technology

Biotechnology

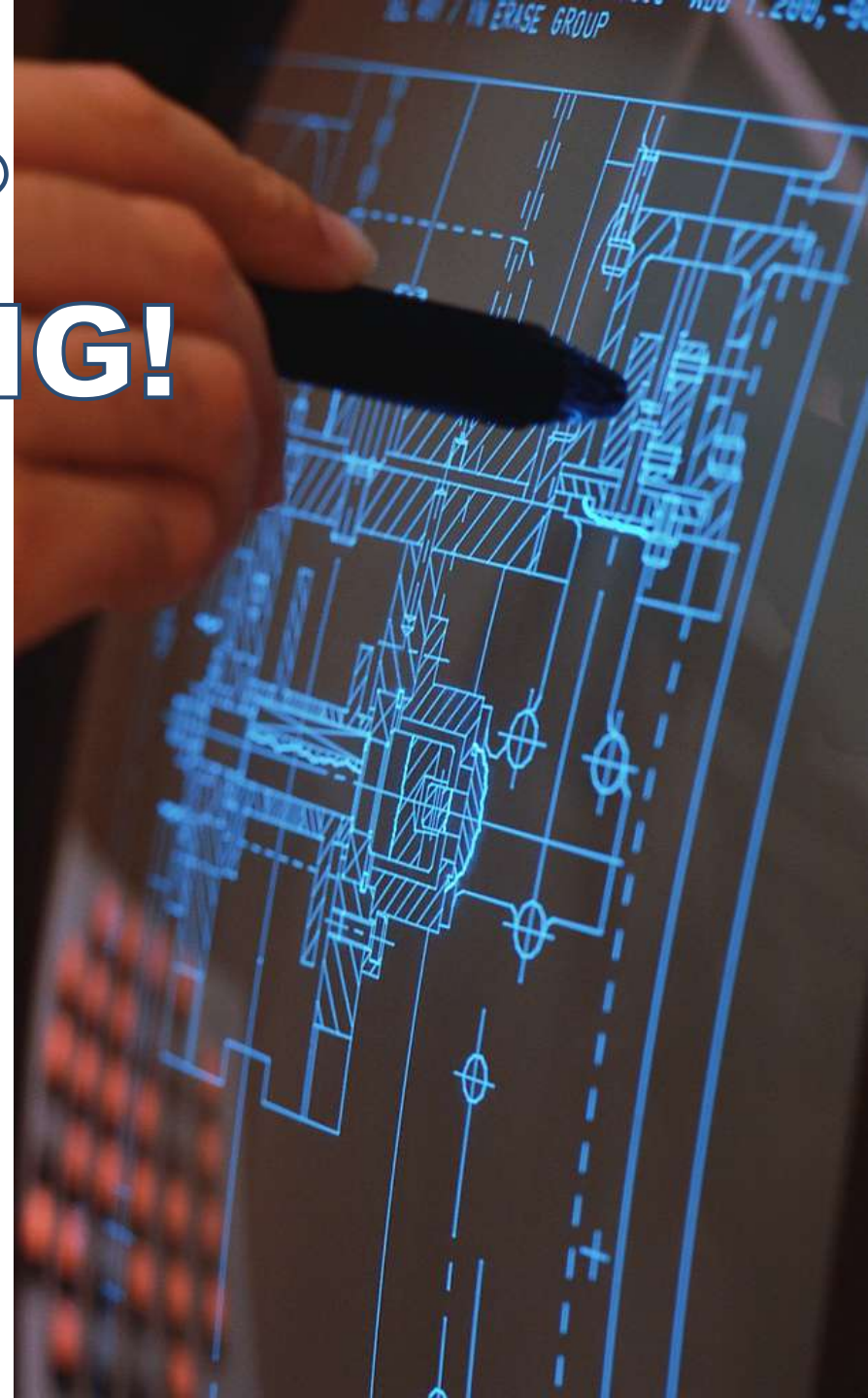# WHAT IS STEM? ENGINEERING!

Designing

Building

Using machines

Exploring how things work
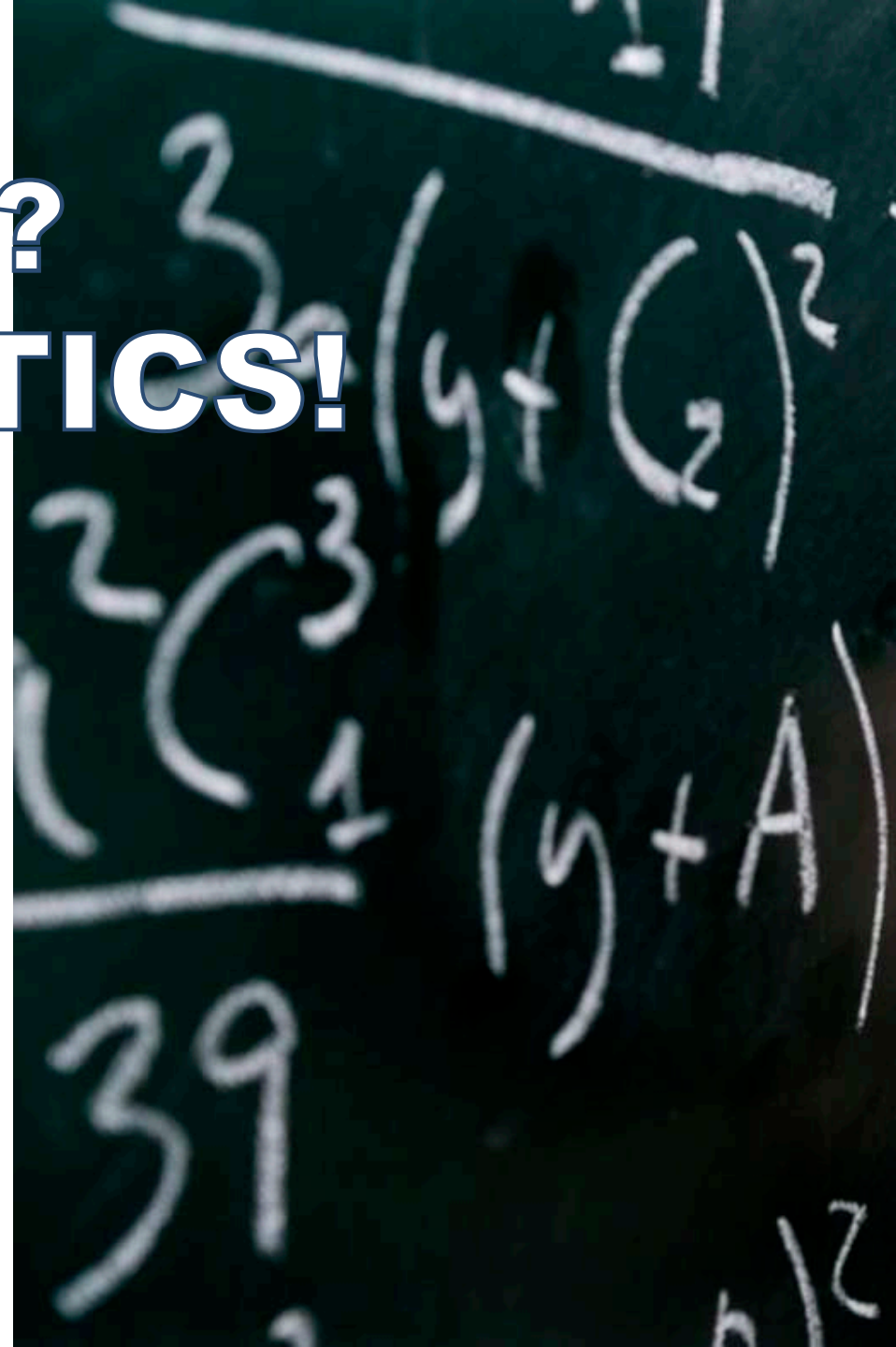
Computer Science

WHAT IS STEM? MATHEMATICS!

Numbers

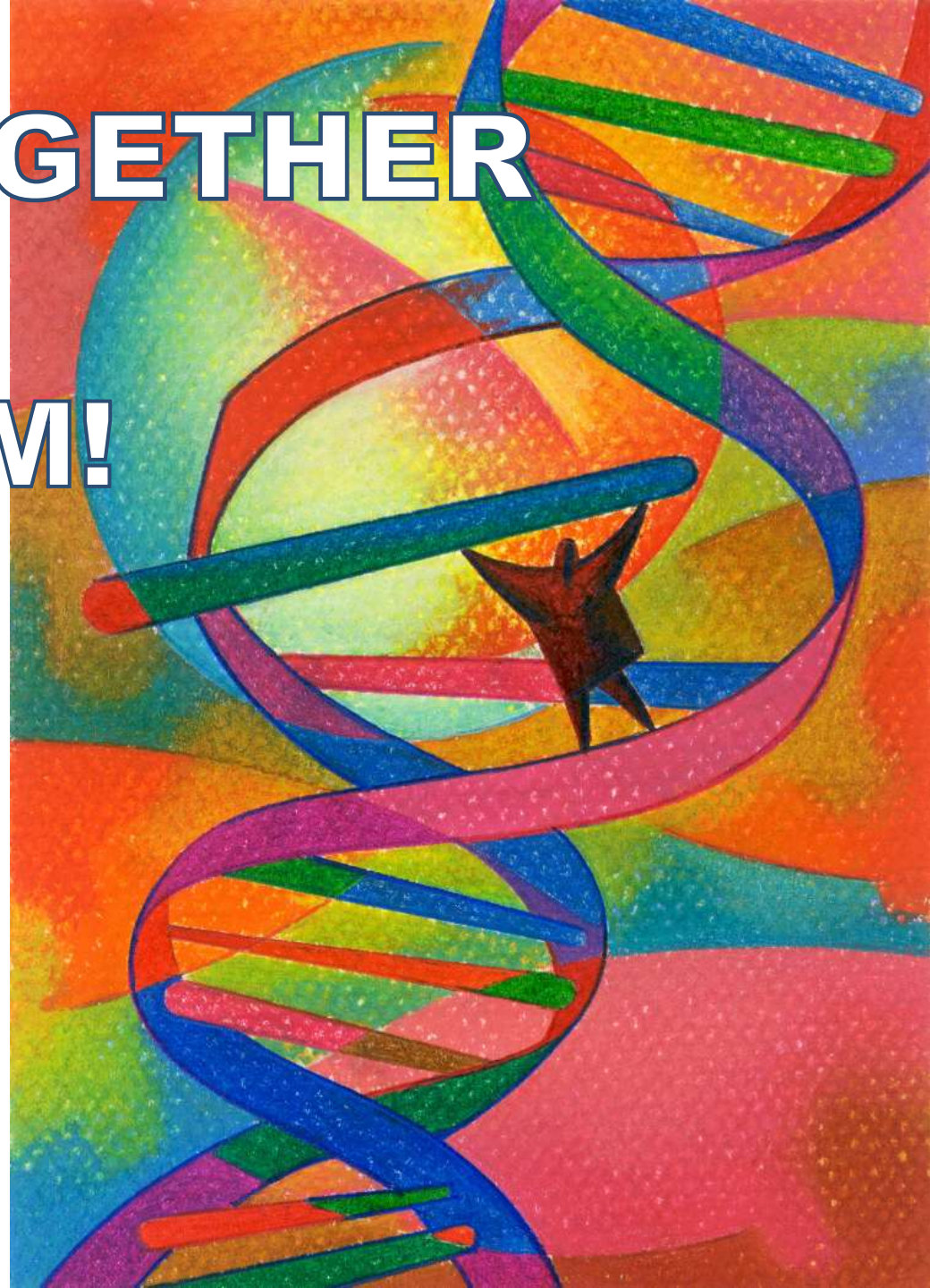Equations

Problems

Algebra

Geometry

Calculus

PUT IT ALL TOGETHER

WITH STEM!

STEM gives students the chance to USE their knowledge to solve real world problems
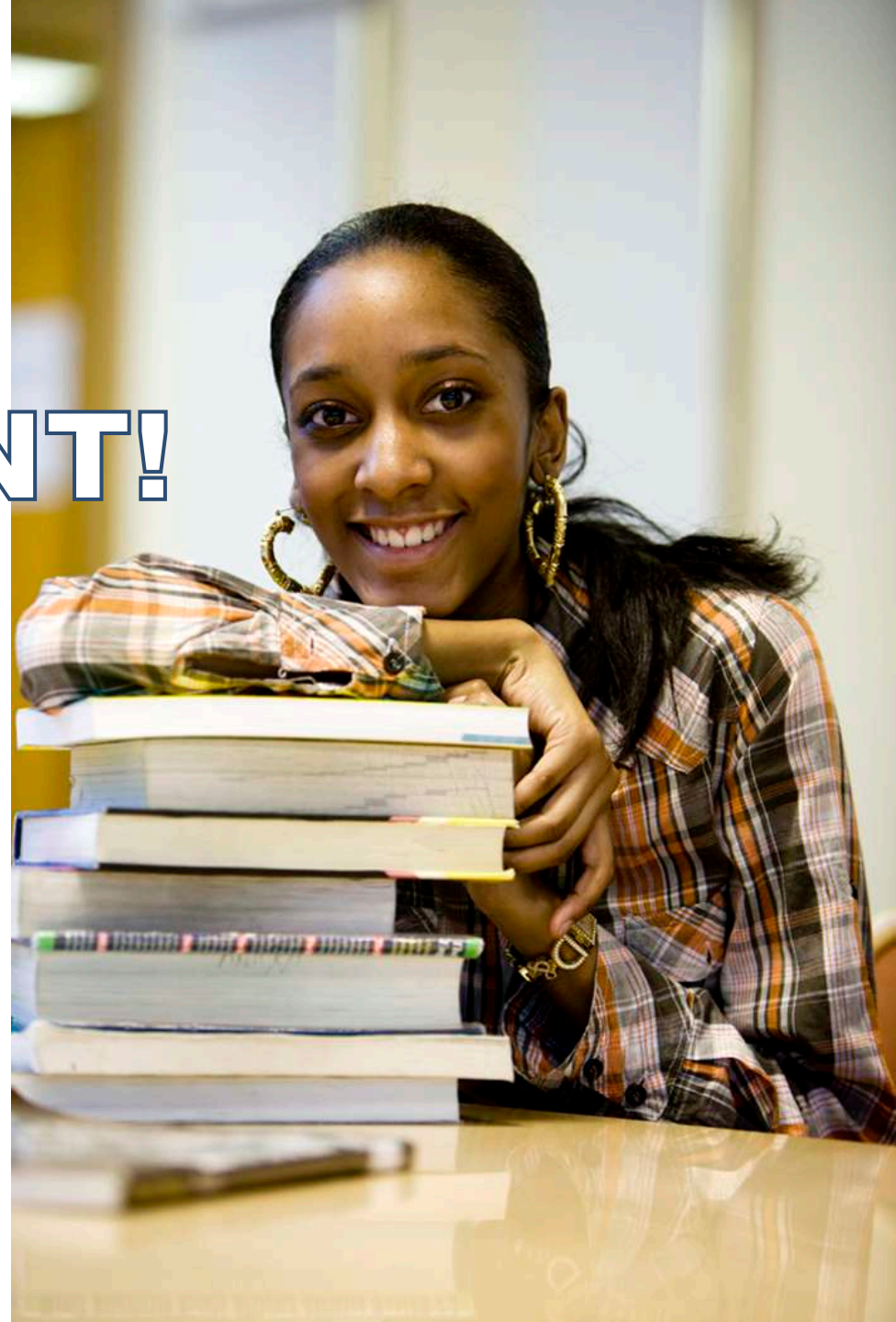
WHY STEM?

EXCITEMENT!

Solve problems

Learn new things

Explore cutting edge ideas

Challenge yourself

WHY STEM?

GLOBAL ISSUES!

Climate change

Natural resource challenges

Global diseases

Skills for the future

WHY STEM?

GOOD JOBS!

Faster job growth

Higher starting salaries

Better job prospects

Exciting career fields

WHY WASHINGTON?

WE'RE A STEM LEADER!

Second in US for innovation

Fourth in US for tech businesses

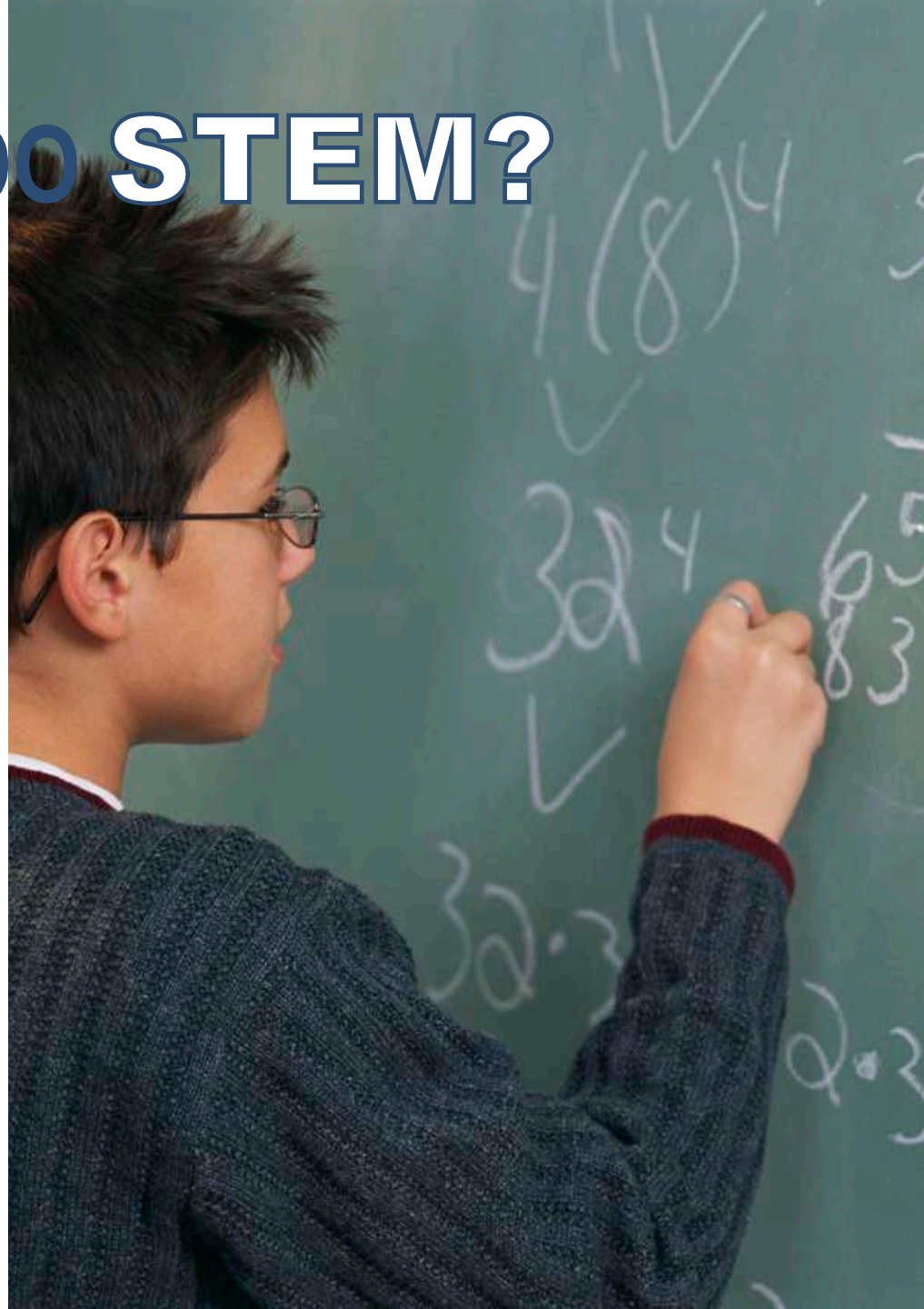67% of new jobs require STEM

HOW CAN YOU DO STEM?

MATH & SCIENCE!

Take math every year

Take science every year

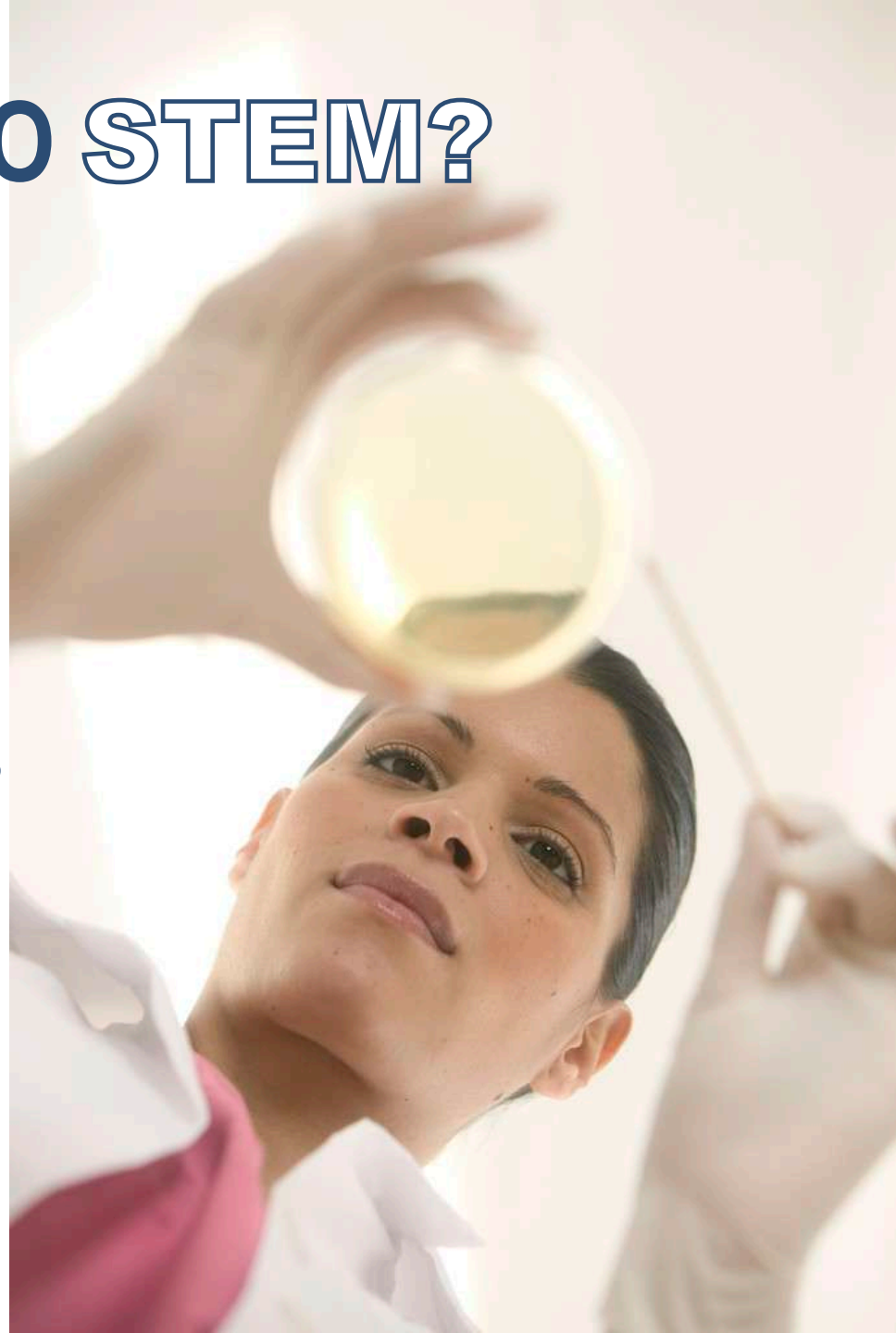Join or start a club:

► Chess

► Robotics

► Math Olympiad

HOW CAN YOU DO STEM?

STEM IN SCHOOL!

Ask about STEM programs in your school district:

► Classes

► STEM middle or high schools

► Community college/CTE

BE A LEADER WITH
STEM!