

STEAM



















SCIENCE

TECHNOLOGY

ENGINEERING

ARTS

MATHEMATICS



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**Jane Fawcett**  
**Mathematician**  
**Bi-Lingual**  
**Musician**  
**Code Breaker**

**Via New York Times**















VERY YOUNG MUSIC STUDENTS  
OUTPERFORMED  
THEIR PEERS IN MATH





NOPE





MARIA SIBYLLA MERIAN



“AMONG THE MOST SIGNIFICANT  
CONTRIBUTORS TO THE FIELD OF  
ENTOMOLOGY”

- DAVID ATTENBOROUGH







AA0000077A4

Deutsche Bundesbank

*Uhlenmayer*

Frankfurt am Main  
1. August 1991



1647-1717 Maria Sibylla Merian

500

FÜNFHUNDERT DEUTSCHE MARK



ADA LOVELACE

COMPUTER VISIONARY  
HARPIST  
GUITARIST







BENJAMIN FRANKLIN

SCIENTIST  
AUTHOR  
PHILOSOPHER  
INVENTOR  
MUSICIAN





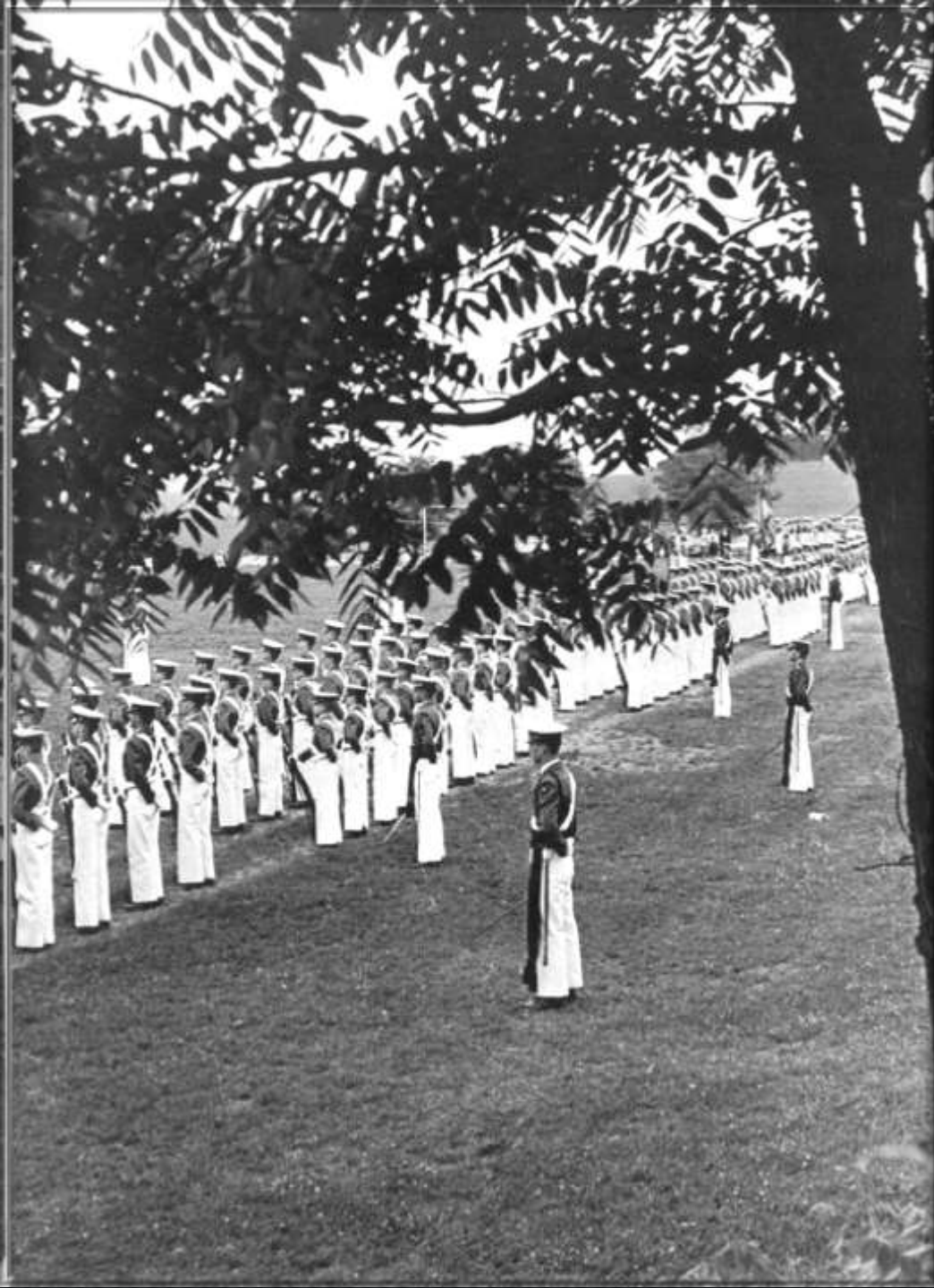
DR. MAE JEMINSON

STANFORD AT 16  
CHEMICAL ENGINEER  
PHYSICIAN  
ASTRONAUT  
DANCER  
ACTRESS









THIS WAS MY LIFE



















WE LOVE THE COMBINATION





MUSIC TEACHERS AND RESOURCES  
IN THE NATION'S MOST  
ECONOMICALLY CHALLENGED  
SCHOOLS WERE AT ALL-TIME LOWS

US DEPARTMENT OF EDUCATION

# NARROWING EDUCATION



LOGIC



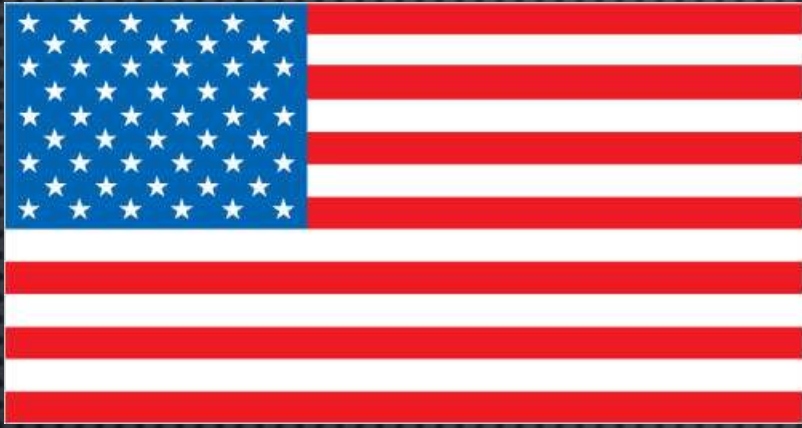
CREATIVITY





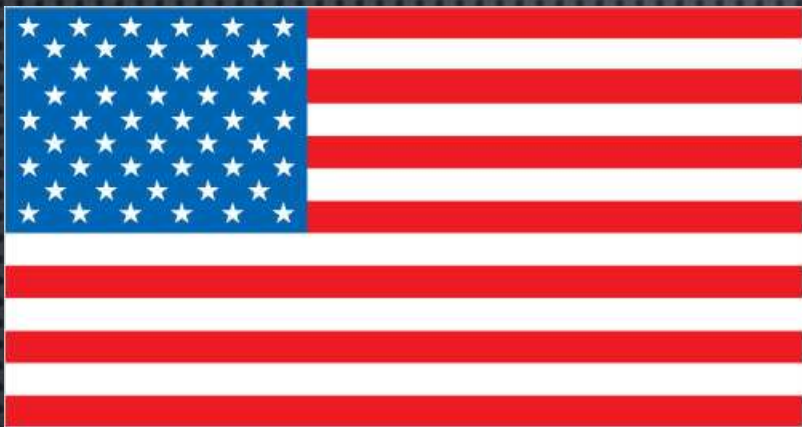


MESSAGING



TALENT





TALENT



STUDY

**Math Scores**

The Programme for International Student Assessment (PISA)

A world map illustrating the results of the Programme for International Student Assessment (PISA) for mathematics scores. The map uses a color-coded system to represent different performance levels across various countries. The colors are: Green (top performers), Orange (middle performers), Red (lower performers), and Grey (no data or non-participants). The map shows that countries like Canada, the United States, and Australia are in the Green category, while many countries in Africa, the Middle East, and parts of Asia and South America are in the Red category. The text 'Math Scores' is prominently displayed on the left, and 'The Programme for International Student Assessment (PISA)' is written at the bottom.

**Math Scores**

The Programme for International Student Assessment (PISA)



LETS

STOP USING JUNK SCIENCE  
TELLING KIDS THEY CAN'T  
LEVEL UP THAT MATH IS HARD

LETS

MAKE SURE THEY DO ART



TEAMWORK  
TIME MANAGEMENT  
ATTENTION TO DETAIL  
SELF DISCIPLINE







TIMING  
COUNTING  
FRACTIONS  
A WHOLE NEW LANGUAGE





LEADERSHIP  
ELECTRONICS  
WORKING UNDER  
PRESSURE  
COORDINATION





**NOT CONVINCED**

MEMBERS OF THE NATIONAL ACADEMY OF  
SCIENCES, AND THE ROYAL SOCIETY ARE  
TWICE AS LIKELY TO PARTICIPATE IN ARTS  
AND CRAFTS  
AS THE GENERAL PUBLIC



NOBEL LAUREATES?  
**THREE TIMES AS LIKELY**

A WELL ROUNDED EDUCATION  
DOES NOT HAVE TO BE EXPENSIVE





**INDIANA UNIVERSITY**  
KOKOMO

**PURDUE**  
UNIVERSITY

**KAPLAN**  
UNIVERSITY



**IVY TECH**  
COMMUNITY COLLEGE



**WGU**









JEFF TON

EVP BLUELOCK  
CTO OF THE YEAR  
CIO

WRITER  
SPEAKER  
HISTORIAN  
MUSICIAN



"LEWIS & CLARK  
AT THREE FORKS"

MURAL IN LOBBY OF  
MONTANA HOUSE OF  
REPRESENTATIVES







LORENA LANE

DIGITAL MEDIA SPECIALIST  
CARMEL CLAY LIBRARY

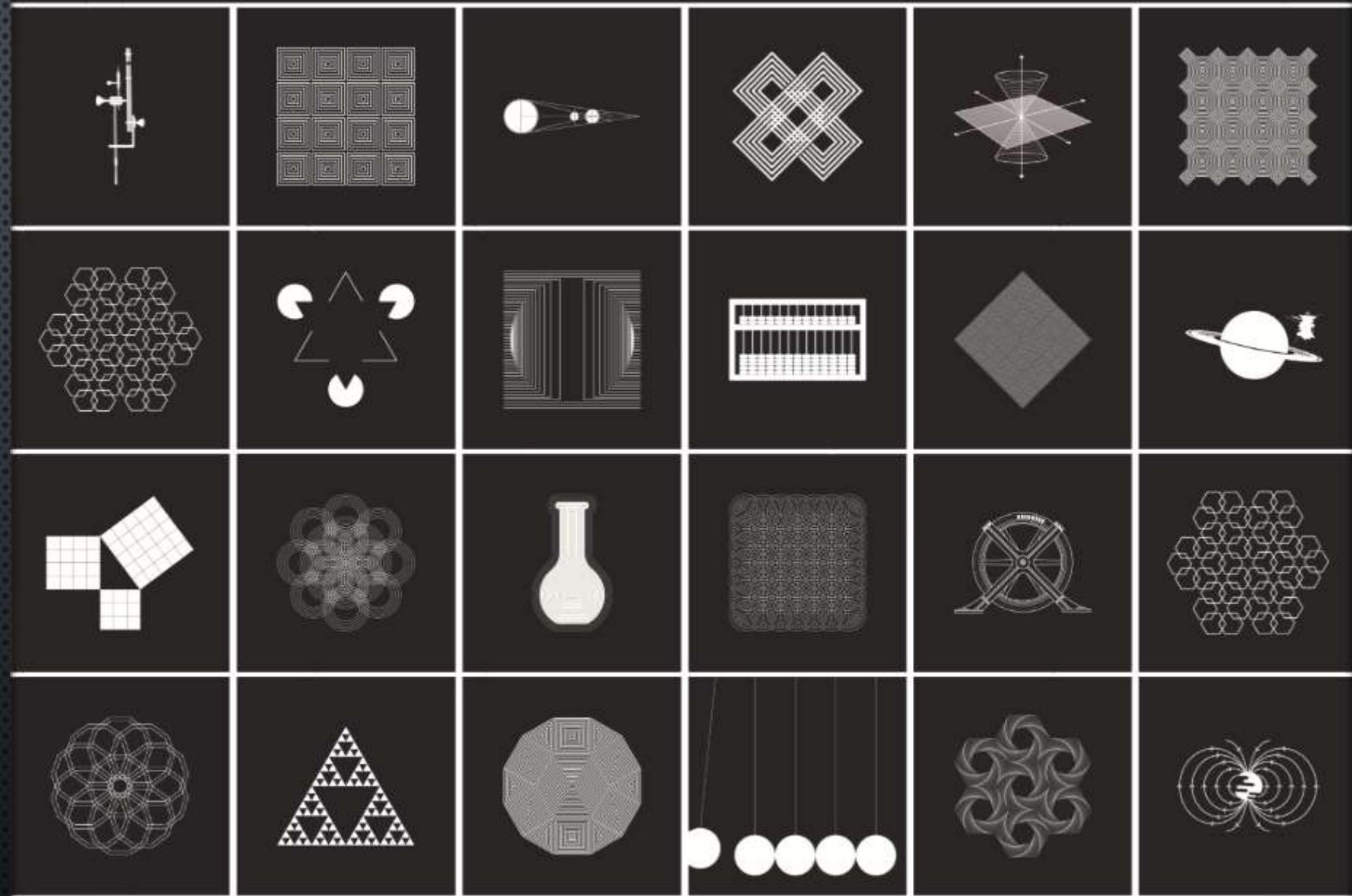
STEM ARTIST  
DIGITAL ILLUSTRATOR  
SOCIOLOGY  
MATHEMATICS  
PHYSICS



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MARSHA

SENATE PAGE  
ENGLISH MAJOR  
MS COMP SCIENCE

VIOLINIST, CELLIST  
SOLOIST, MORMON  
TABERNACLE CHOIR

PASTRY CHEF

CYBER SECURITY EXPERT

CERTAIN PEOPLE TOOK AN INTEREST  
LED TO SOME “INTERESTING WORK”  
WITH THE FEDERAL GOVERNMENT





JILL CASEY

V.P MARKETING  
&  
BUSINESS DEVELOPMENT  
RENAISSANCE

BS, MARKETING  
GRAPHIC DESIGNER  
CRM EXPERT

TECHPOINT 2016  
TECH 25



# Before Jill



After Jill





KARL ZEMLIN

MECHANICAL ENGINEER  
PHOTOGRAPHER  
AUDIO ENGINEER  
BUSINESS OWNER





KARL ZEMLIN  
ZEMLIN PHOTO

YOU ARE LEAVING TALENT ON THE TABLE



NOT EVERYONE NEEDS A TECH DEGREE

CHANGE YOUR RECRUITING TACTICS





DON'T TRAIN CHILDREN FOR REDUNDANT JOBS







NOT BIG ON THE ARTS

















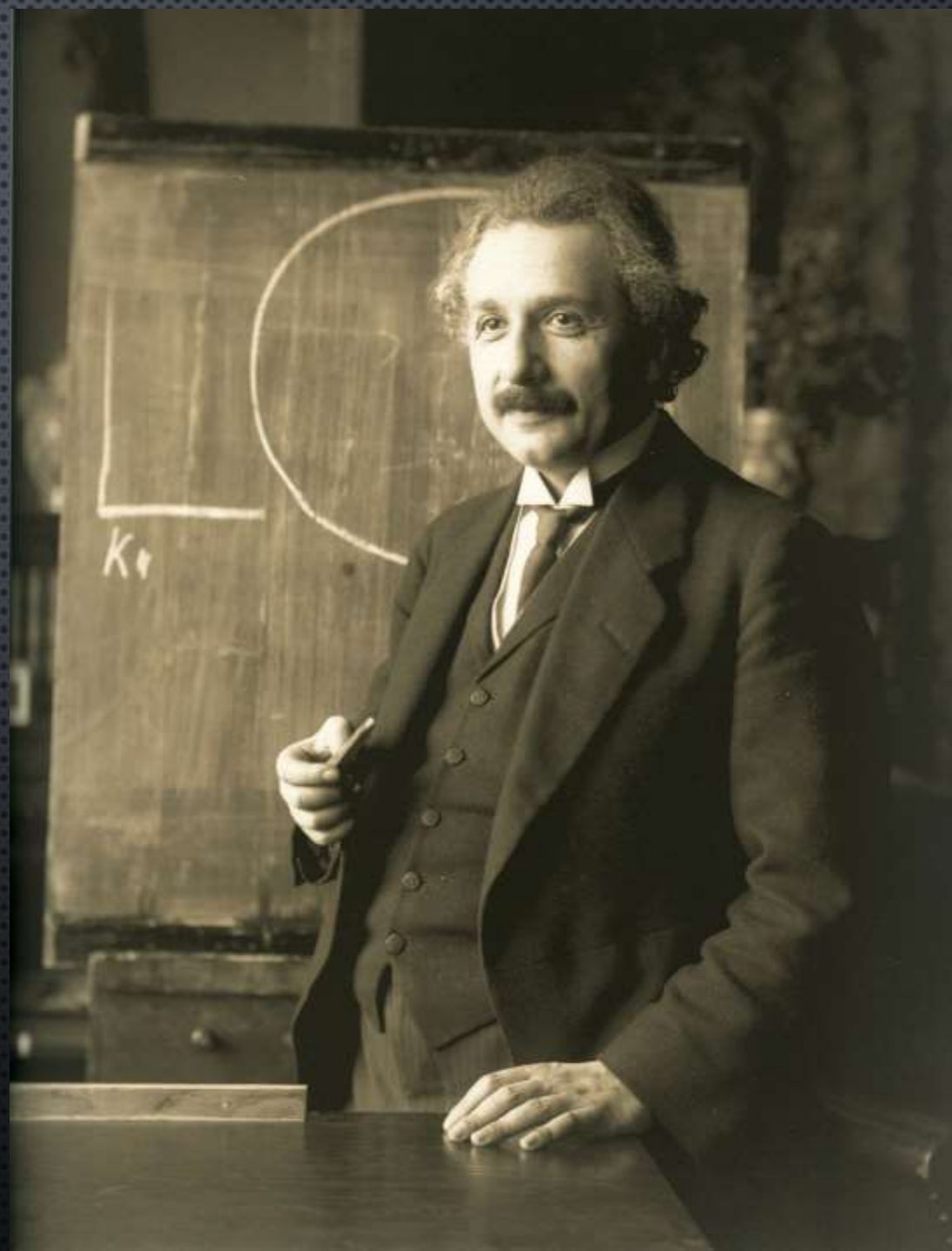






“The greatest scientists  
are artists as well”

*Albert Einstein, Violinist*









STEAM