



# WHAT IS STEAM?



SCIENCE



TECHNOLOGY



ENGINEERING



ART



MATH



# THE SCIENTIFIC METHOD



ASK A  
QUESTION



FORM A  
HYPOTHESIS



TEST/  
EXPERIMENT



OBSERVE &  
RECORD



DRAW  
CONCLUSIONS



SHARE

??















# THE ENGINEERING & DESIGN PROCESS



## ASK

Define the problem;  
What is it you're trying  
to accomplish?



## IMAGINE

Brainstorm ideas and  
solutions; make sketches,  
research & collaborate



## PLAN

Select your best solution  
or idea; plan your material  
list and how you will  
create your prototype



## CREATE

Work on your  
prototype or solution



## TEST + IMPROVE

Test your design and  
make improvements  
if needed



## SHARE

Share what you  
learned with others!



# THE DESIGN PROCESS



## THINK

WHAT IS THE PROBLEM?



## CREATE

HOW CAN I SOLVE IT?



## SHARE

WHAT CAN I LEARN  
FROM OTHERS?







# COLOR WHEEL

