





**VALENTINE'S DAY**  
**STEAM**  
**CHALLENGES**

**SCIENCE**  
**TECHNOLOGY**  
**ENGINEERING**  
**ART &**  
**MATH**  
**fun for kids**

from  
**STEAM**  
**KIDS**



**Build a bridge  
with  
Valentine cards.**



**Write a secret  
message with  
lemon juice.  
Heat the  
message to  
make it show.**



**Create with  
paint made  
from red hots  
candy dissolved  
in water.**




**Explore the  
states of matter  
with chocolate.**




**Make a foam  
heart sink.**




**Fold paper into  
the smallest  
envelope you  
can make.**



**Make a love potion with baking soda, vinegar and dish soap.**




**Estimate how many candy hearts are in a jar.**




**Build a bow & arrow with straws, cotton swabs and rubber bands.**



**Make heart shaped window clings by making glue designs on waxed paper.**



**Record your heart beat and make music with it.**

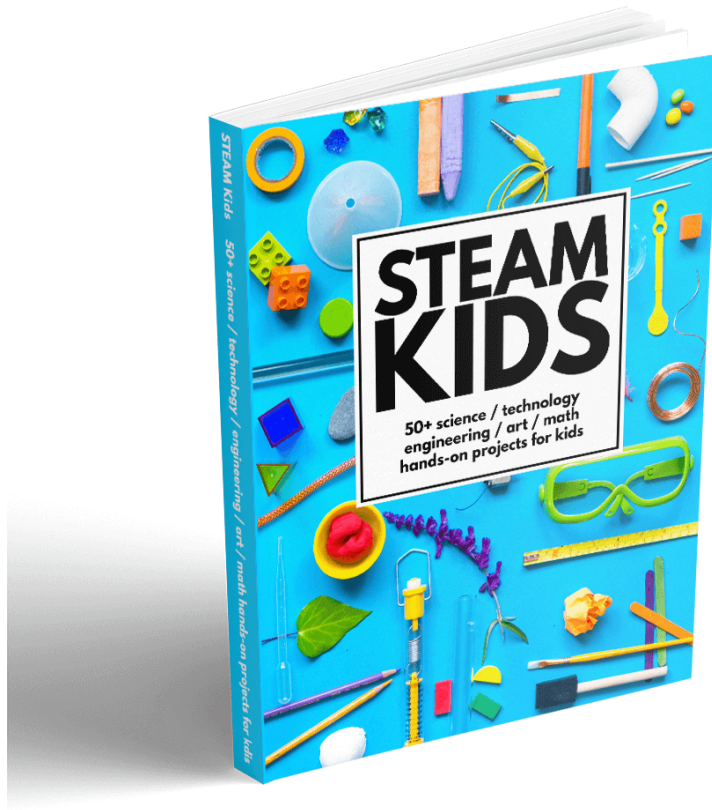


**Build conversation heart towers & measure to see who can make the tallest stack.**

For more STEAM fun, try:

# STEAM KIDS

50+ Science / Technology / Engineering / Art / Math  
Hands-On Activities for Kids



## 52 awesome STEAM activities plus!

- weekly activity planner
- field trip ideas
- STEAM journal pages
- shopping list suggestions

