



# 4th grade Engineering Project



# DESIGN LAB

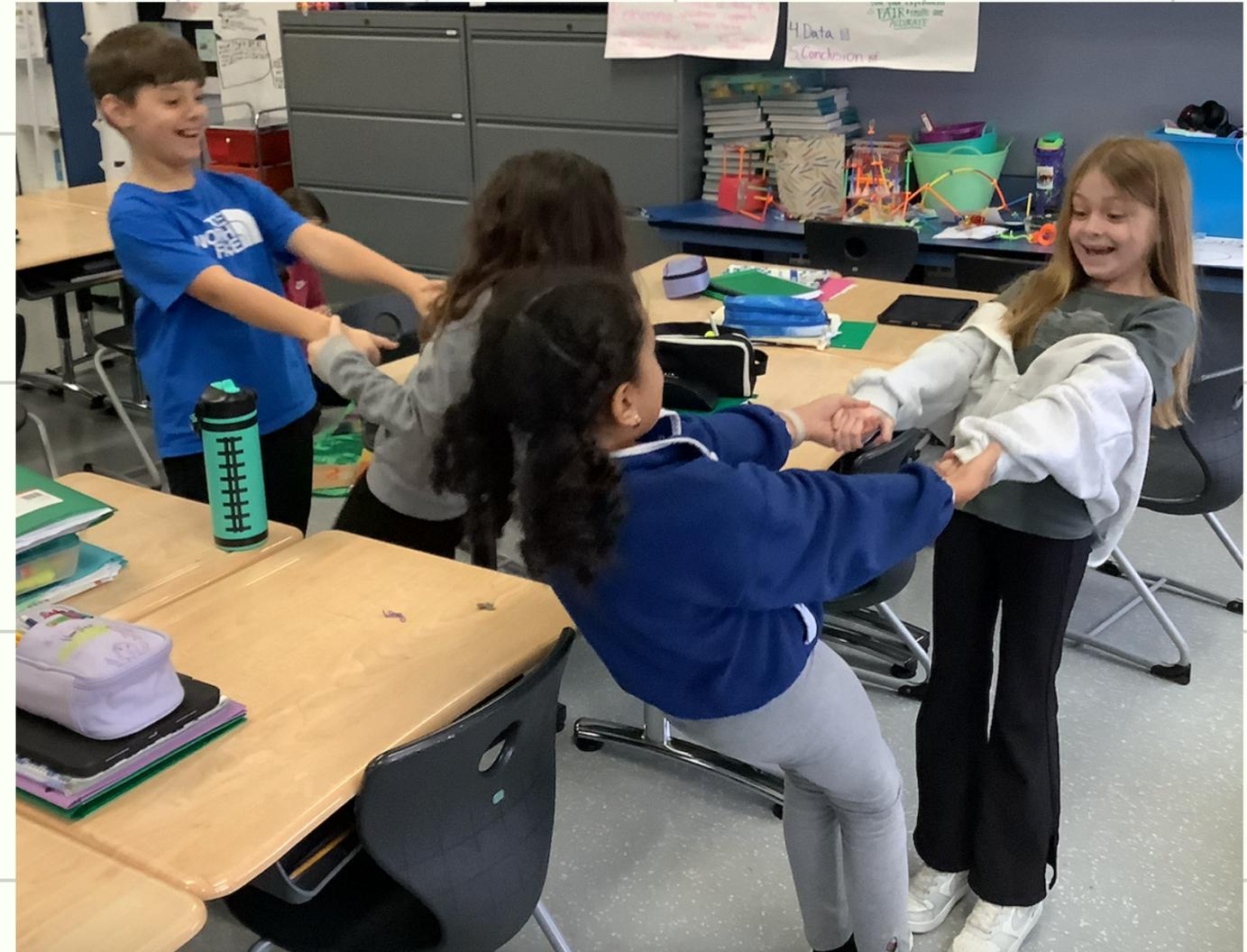
LEARN + BUILD



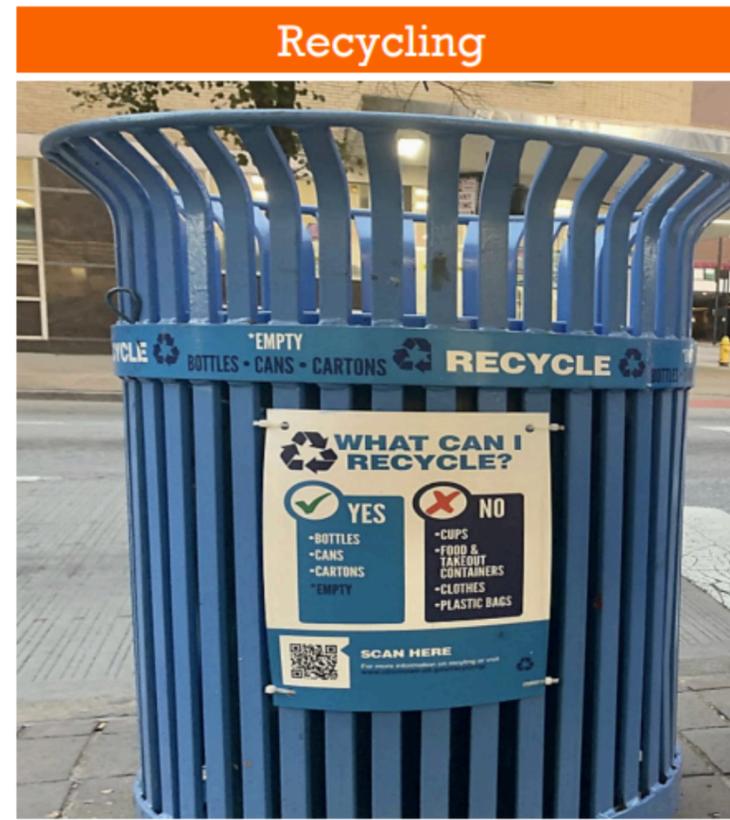
the design challenge:  
**sanctuary**



# Learning about structures



# Sustainability



## Know your Carbon Footprint



## SUSTAINABILITY ENERGY EFFICIENCY Solar Panels



# Build Your Dream Home



Choose which size of house you want:



Small House  
\$100,000



Medium House  
\$200,000



Large House  
\$500,000



Now, choose which extras you want to help turn your house into your dream home:

Pool



\$20,000

Hot Tub



\$6,000

Garage



\$8,000

Patio



\$4,000

Security System



\$1,000

Yard/Garden



\$3,000

Soundproof Music Room



\$10,000

Woodshop



\$6,000

Driveway

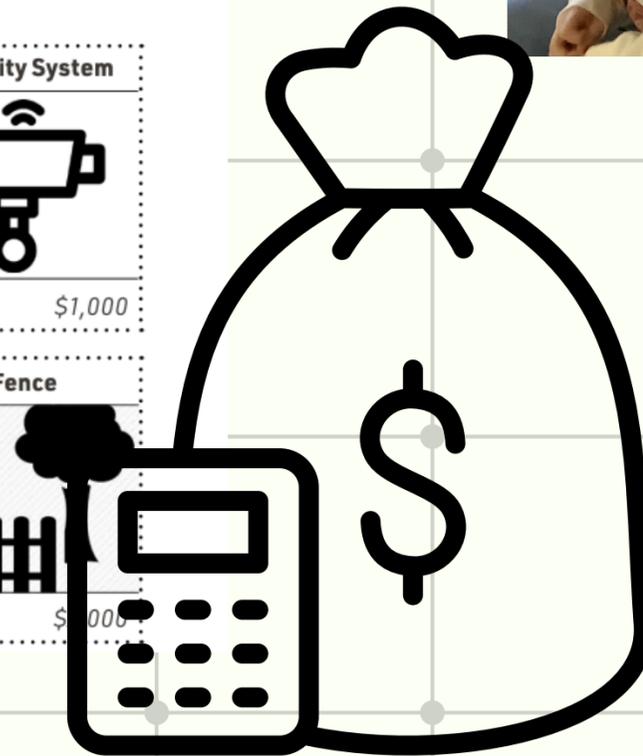


\$3,000

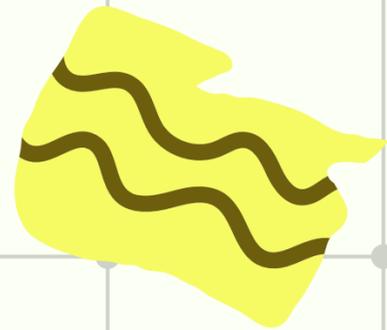
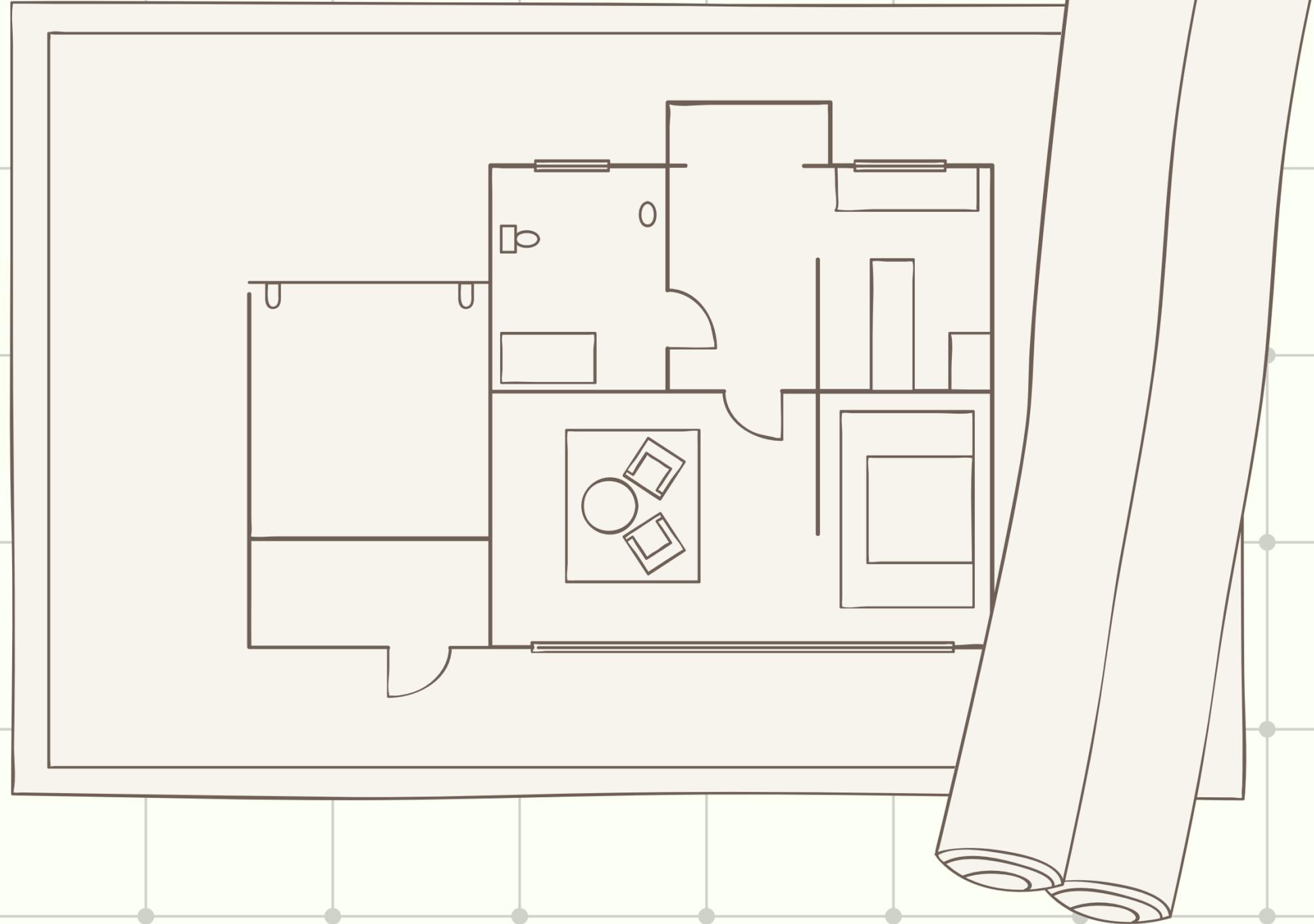
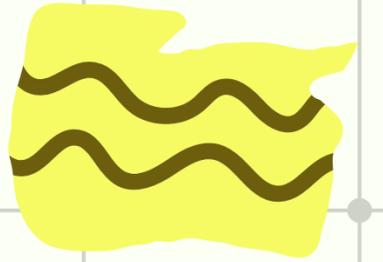
Fence



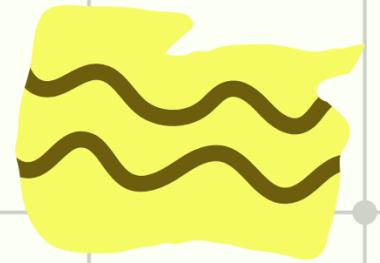
\$1,000



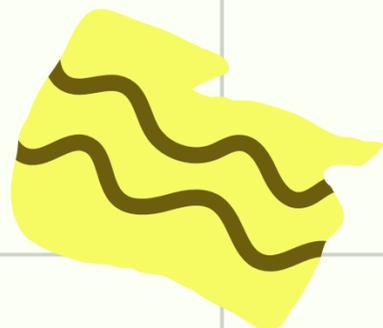
# Design Planning



# Building our sanctuary models



Building our models out of recycled materials!



previous student examples from a different theme

# Peer Presentations & Voting!



previous student example from a different theme

# EXHIBIT RECEPTION & AWARDS CEREMONY

**May 16th, 2026**

Newport on the Levee