

Solar Water Heater

TeachEngineering

Experience










Design and build solar water heating devices that mimic those used in residences to capture energy in the form of solar radiation and convert it to thermal energy

Suggested Learning

Time 4 : 00 **Cost** 0.00

PreRequisites

Requirements

| Skills | Focus | Level | Standard | Points |
|---|--|---|----------------------|-----------|
|  Applied Science |  |  | NGSS | 20 |
|  Written Communication |  |  | CC | 6 |
|  Mathematics |  |  | CC | 6 |
| Total Skill Points | | | | 32 |

Knowledge Gain

Identify locations in the solar water heater at which each type of heat transfer is being utilized.

Resource Link

https://www.teachengineering.org/activities/view/cub_housing_lesson01_activity1