

BUILD A PET HOUSE

Career Connection

Name: _____

class: _____

date: _____

THINK

Brainstorm a list of carpentry skills.

REFLECT

Record **3** key take-aways from the video about carpentry in N.B.

One thing I learned about carpentry is...

A skill that is important in carpentry is...

Something that suprised me about carpentry is...

RESPOND

Why is it important to have role models or mentors in the trades?

BUILD A PET HOUSE

Client Scenarios

Name:

class:

date:

USER

Describe the pet

CLIENT

Describe the owner(s)

PROBLEM

Explain the situation

DESIGN STATEMENT

Summarize

We are designing a house for a _____

that needs _____

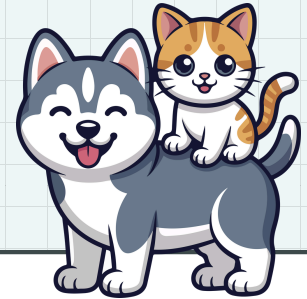
because _____

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Client Scenarios

EXAMPLES

Use one of the following client scenarios, or create your own.



Client Scenario 1: Outdoor Dog in Winter

A family lives in a rural area and has a large dog named Bear who spends most of the time outdoors. Winters are very cold, with lots of snow and wind. Bear needs a shelter that will keep them warm, dry, and protected from harsh weather. The family wants something strong and sturdy that can handle winter conditions, but also easy to clean. They care about Bear's comfort and want them to feel safe and cozy.

Client Scenario 2: Apartment Cat

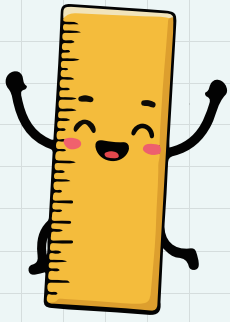
A person lives in a small apartment with their cat, Luna. Space is limited, so Luna's house needs to be compact and fit easily into a room without taking up too much space. Luna likes to hide and sleep in quiet places, so they need a space that feels safe, enclosed, and comfortable. The owner would also like the design to look nice and match their home décor, while still being easy to move and clean.

Client Scenario 3: Backyard Bird Shelter

A backyard bird enthusiast enjoys watching birds and wants to build a safe nesting space to attract them. The bird house needs to be secure from predators and protected from rain and wind, while still allowing birds to come and go easily. It will be placed outdoors and needs to be lightweight but durable. The owner also wants to be able to observe the birds without disturbing them.

Client Scenario 4: Portable Rabbit Shelter

A pet owner has a rabbit named Clover who spends time both indoors and outdoors. They need a shelter that is lightweight and easy to move, so Clover can safely enjoy fresh air outside but also be brought indoors when needed. The shelter should provide shade, protection, and enough space to move around comfortably. The owner also wants it to be easy to carry and set up.



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Planning and Measurement

Name: _____

class: _____

date: _____

FRONT VIEW

TOP VIEW

SIDE VIEW

MEASURE

Calculate the following measurements

Perimeter of the base: _____

Floor area: _____

Interior volume: _____

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Success Criteria

Name:

class:

date:



PAIR
AND
SHARE

1. How did understanding the pet (or user) change your design?
2. What math concept was most useful?
3. What would you improve in a real build?
4. What did you find most challenging?
5. What did you enjoy about this project?

MAKE
MEANING

Choose one
“**Reflect**”
question and
one “**Think**”
question.
Record your
answers here.

