

Grade 3 Unit 8

Lesson 4

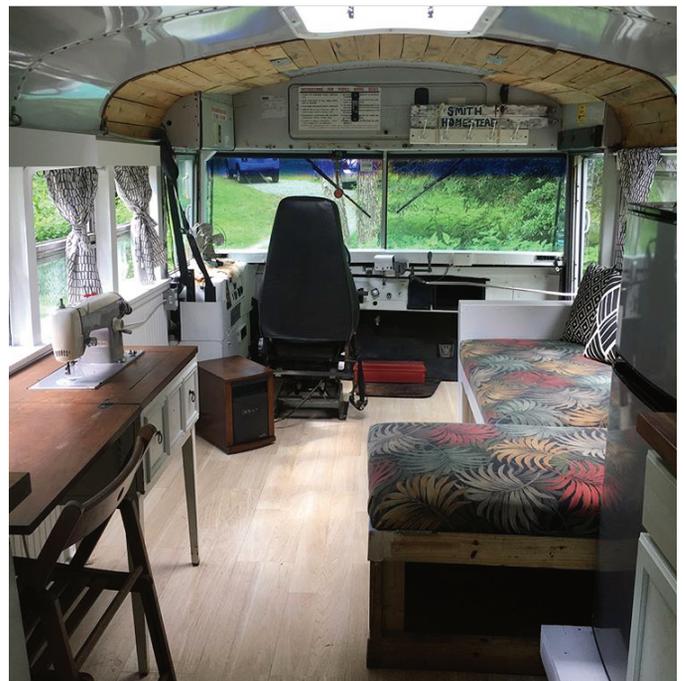
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Unit 8 Lesson 4: Tiny House: Design and Solve

WU Notice and Wonder: Tiny Houses (Warm up)

Student Task Statement

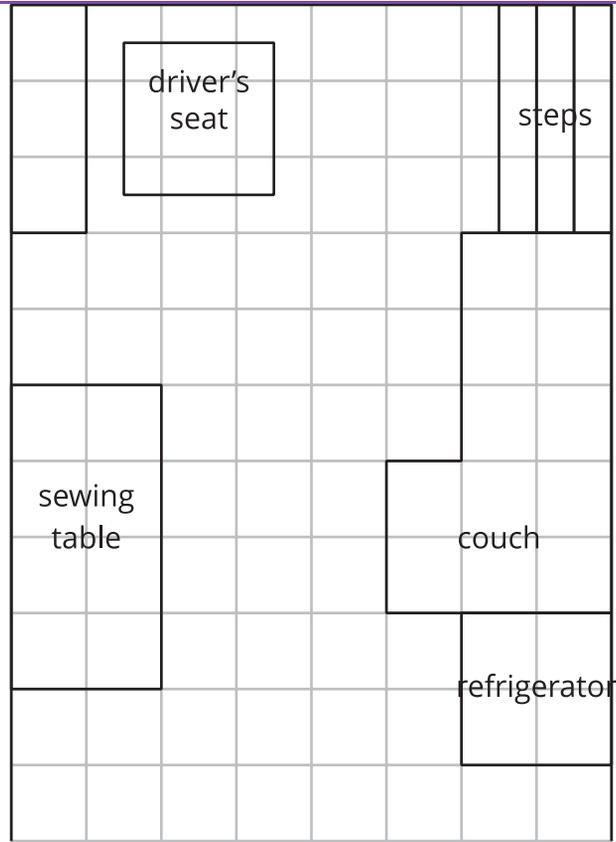
What do you notice? What do you wonder?



1 Design a Tiny House

Student Task Statement

Here is an image of the inside of a converted school bus.



□ represents 1 square foot

1. Choose the type of tiny house you will design. Be sure to consider the advantages and disadvantages of each type and how you'll use the area.

shipping container



cabin

school bus





8 ft x 20 feet

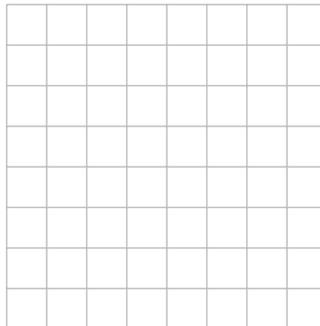


8 ft x 10 feet downstairs
8 ft x 8 feet upstairs

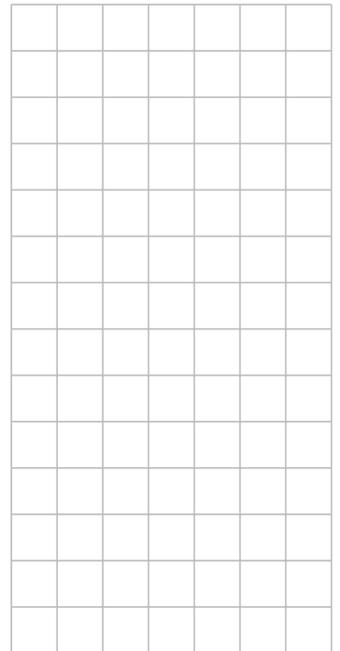
downstairs



upstairs



7 ft x 14 feet



2. Create a design for your tiny house. Be sure to include:

-
- different rooms
 - windows and a door
 - furniture and any other details you think are important

2 Ask, Revise, and Answer

Student Task Statement

1. Write two questions about your tiny house design:
 - a. one question that involves area
 - b. one question that involves perimeter
2. Work with a partner to answer your own questions about your tiny house design. Make any revisions to your questions if needed.
3. Find a new partner. Answer their questions about their tiny house design.