

Student Worksheet

Instructions

Complete the following activities based on your interest in building a house in Minecraft.

Art

Draw your dream house that you would like to build in Minecraft. Be sure to include:

- At least 3 rooms
- A garden
- A special feature (like a pool, balcony, or secret room)

Label each part of your drawing with what materials you would use to build it in the game.

English

Write a short story (3-5 sentences) about an adventure in your Minecraft house. Include:

- What the house looks like
- An interesting event (like a surprise party or a monster attack)
- What you learned from this adventure

Math

Your Minecraft house has a base area of 10 blocks by 8 blocks (length x width). Answer the following:

- What is the total area of the house?
- If you want to build a second floor that has the same area, what would be the total area of both floors?
- If each block represents 1 cubic meter, what would be the volume of one floor if it's 3 blocks high?

Science

Think about building materials in Minecraft (wood, stone, brick, etc.). Answer the following:

- Choose 2 materials and write down their properties (e.g., durability, appearance, how to gather them).
- Which material would be the best for building a strong house and why?
- How do you think the environment in Minecraft affects the availability of these materials?