

A desk with a lamp, a blueprint, and drafting tools. The blueprint shows a house plan with a garage, laundry room, and bedrooms. A large blue arrow points from the bottom right towards the center of the blueprint. Various drafting tools like a compass, ruler, and markers are scattered on the desk.

Back Yard Project

Fourth Grade Challenge Project

The Task

While your family was away for a nice vacation, a demolition company mixes up the addresses. They knock down and remove **EVERYTHING** from your backyard before they realize their mistake.



Sorry

- The company feels terrible and wants to replace all the damage. They leave a check for the amount of \$25,000.
- With that amount of money, you must rebuild your backyard in any way you desire!



A desk lamp with a silver base and a white shade is positioned in the upper left corner, casting light on a large blueprint spread across a table. The blueprint features various architectural drawings, including a circular plan and a rectangular layout. Two red markers are visible on the blueprint: one is lying horizontally in the lower right, and the other is lying vertically on the right side. The background is a brick wall.

Parameters

Size

- No bigger than 4,000 square feet
- Must follow Valley Stream building codes
 - no helicopter landing pads

Needs

- Grass
- Furniture
- Fence
- Trees/flowers
- Shed/garage
- Etc.

Prices

- Fixed Costs

- Wood \$4/foot
- Concrete \$7/foot
- Sod \$6/foot

- You must have receipts for everything else!



The background of the slide is a photograph of a desk. In the top left corner, there is a desk lamp with a white shade. The desk surface is covered with a white sheet of paper that has some faint, light-colored diagrams or sketches on it. A red pen is lying on the desk in the bottom right area. The background wall is made of brown bricks.

Process

- 1) Brainstorm items for new backyard
 - Get receipts or advertisements
- 2) Draw diagram (must be to scale)
 - Everything must fit into your yard
- 3) Calculate costs
 - You must be able to afford the items

The background of the slide is a photograph of a desk. In the top left corner, there is a silver desk lamp with a glass shade. The desk surface is white and has a large, faint architectural drawing or blueprint spread across it. A blue ruler is visible in the bottom right corner, and a red pen lies horizontally below it. The background wall is made of reddish-brown bricks.

Process (cont.)

4. Final Drawing

- A finished product drawn to SCALE

5. Create model

- Items must be to SCALE

6. Meet all deadlines

Sample



Sample



Sample



Sample



Sample

