

Garden Design Budget with Info Gap Cards

Procedure:

1. Look at your card. Do not show it to your partner.
 - You each have a different question to answer.
 - You each have *some* information needed to solve both parts of the problem. You'll need to share information to be able to solve completely.
2. Read the question and begin to plan how you will solve it.
 - Consider what steps you will take.
 - Think about what information you already have and what you still need.
3. Ask for information, and share information with your partner
 - When you need something, ask your partner a clear question. Justify why you need that information.
 - Example: "Do you have the price of the soil? I need this to be able to solve for how much the soil will cost."
4. Share and record. Repeat and continue working.
 - Keep moving through the problem, step by step.

I need to know...
Can you tell me...

I need that information
because...
If I know that then...

What specific information
do we need?

Why do we need to know
that info?
How will we use this info?

Ok, here is the information...
I don't have that information.

What other specific
information do you need?

Card 1

Question to Answer:

How much will the fencing cost?

Information you have:

- Evan wants to resize the garden to 75% of the original planned size.
- The soil will cover the whole area of the interior of the garden.
- The soil will be 1 inch thick.
- 1 bag of soil covers 10 square feet of land to be 1 inch thick.
- The bags of soil are \$6.59 each.

Card 2

Question to Answer:

How much will the soil cost?

Information you have:

- The original scale of the drawing is 1 unit = 2 feet.
- The fencing must go around the outside perimeter AND in between all of the vegetable sections.
- There are no overlapping areas of fence.
- The cost of the fencing is \$3.25 per foot.
- Sales tax is 7%.

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