



## Open Access Curriculum

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TITLE: Lawn Laboratory: Pyramid Construction

### MATERIALS and EQUIPMENT:

- [PVC Pipe Cutter](#) tool
- Six 5-foot Lengths of 1 inch [Yellow PVC Pipe](#). For 2 pyramids, buy 11 lengths total.
- 2 [PVC Couplings](#) For 2 pyramids, buy 5 couplings.
- [PVC Cement](#) – Provides material for multiple pyramids.
- [Waterproof Nylon Rope](#) – Provides material for 3 pyramids. Or, use other waterproof rope on hand.
- Bag of [Sod Staples](#) – Provides material for multiple pyramids.

### INSTRUCTIONS: (Please see attached illustrations)

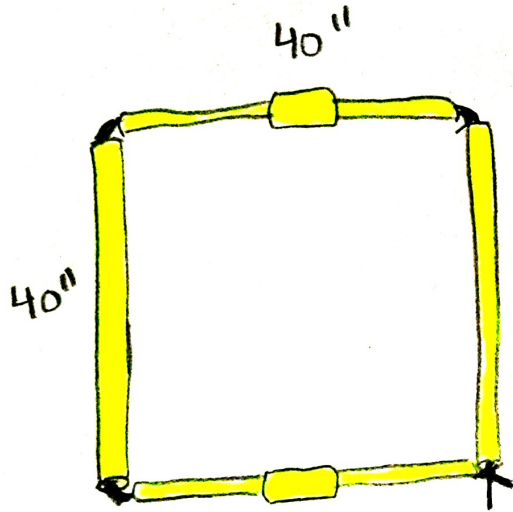
- Cut 4 of the 6 lengths of PVC to 38 inches, and the other 2 lengths to 40 inches.
- You will have some leftover pieces. Please cut 4 of these to 20 inches.
- Combine 2 sets of 2 20-inch pipes using the couplings and PVC cement, to create 2 additional lengths of 40 inches each. Follow instructions on cement bottle. Allow 2 hours to set.
- Cut ropes of the following lengths: 14 feet, 7 feet, and 7 feet.
- Thread the 14 foot rope through the 4 lengths of 40 inches each, and tie the ends together to form a tight square. Cut off the excess. (Ill. 1)
- Thread 2 lengths of 38-inch pipe onto one of the 7 foot lengths of rope. Tie each end to the rope visible at opposite corners of the 40-inch square. Cut off any excess. (Ill. 2)
- Thread 1 length of 38-inch pipe onto the remaining 7 foot length of rope. Tie one end to the rope visible to one corner of the 40-inch square. Tie the midpoint of this rope to the midpoint of the other 7 foot rope, at the break between the two pipes. Thread the last 38-inch pipe onto the loose end of rope and tie to the last corner to complete the pyramid. (Ill. 3)
- The pyramid will be a little wobbly at this point. Set it up on your chosen site and anchor it with sod staples at the corners and as needed.

FEEDBACK: Please email us with notes, comments and suggestions, or just to say hi at [nextepochseedlibrary@gmail.com](mailto:nextepochseedlibrary@gmail.com). We'd love to hear from you!

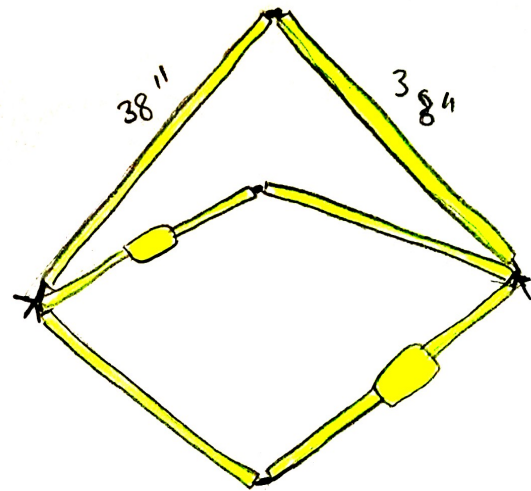


ILLUSTRATIONS:

1.



2.



3.

