



Science Devotional Leader

Ready -

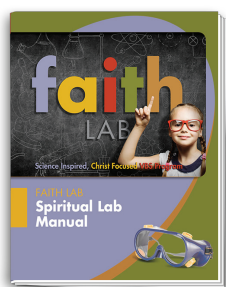
#1 – Getting Organized: To successfully organize your devotional materials, consider purchasing and gathering all the items needed for the Science Devotional lessons and placing all items into a plastic tub. Allow your small group leaders to check out a tub of the science items, preview the contents, and become familiar with how each Science Devotional lesson works prior to the week of your program.

#2 – Science Devotional Items to Purchase: Each Science Devotional requires special items you'll need to order.

	Educational Innovations www.teachersource.com 1-888-912-7474	Steve Spangler Science www.stevespanglerscience.com 1-800-223-9080	EBay ebay.com Search Words Provided
"Crystal Ornaments"	No Ordering Needed	No Ordering Needed	No Ordering Needed

Crystal Ornaments - Science Devotion - In Luence

Bringing You Up to Speed:



- Refer to the Spiritual Lab Manual for additional information.
- Watch the Science Devotional Closing Video "Crystal Ornaments" to see the experiment in action and learn how to set up your devotion room for small groups to move through your rotation.

You Will Need:

- Various Colors of Pipe Cleaners
- Dental Floss
- A stick or pencil
- Mason Jars
- Borax Laundry Detergent
- Boiling or very hot water
- Food coloring
- Patience for Crystallization Process



Tips for Success:

- Make sure that the shape can fit through the mouth of the wide-mouthed jar without having to squeeze through. If it can't, trim the sides down.
- Put the jar somewhere where it is safe from being disturbed. Literally! You don't even want it to be bumped! Let it stay there overnight.

Tips for Science Devotional Leader:

- TIME SAVER – It is possible for this activity to be as an entire small group and NOT individual kids doing the experiment themselves.
- SAFETY FIRST - **Be cautious using any type of open flame or heat sources** The water needs to be boiling or near boiling. Keep kids far away from the boiling water.
- Consider purchasing or borrowing a portable electric coiled heater. They are inexpensive and effective.
- Microwaves are a simple source for creating boiling water in a classroom. Consider borrowing several microwaves to create plenty of boiling water relatively fast.

*****IMPORTANT*****

Make sure you set up at least ONE example experiment at least 24 hours PRIOR to small groups doing this activity during your VBS. It is important for kids to see what a final product will look like. This takes at least 1 day to begin to see the crystallization process!