

Contents

Leader's Info

Course Overview	2
Course Description	3
Craft Leader's Guide	4
SonSpark Labs Checklist	8
Age-Level Characteristics	9
Decorating Your Center	11
Master Materials List	13

Sessions

Session 1 • Overview	15
Preschool Craft	17
Younger Elementary Craft	19
Older Elementary Craft	21

Session 2 • Overview	23
Preschool Craft	25
Younger Elementary Craft	27
Older Elementary Craft	29
Session 3 • Overview	31
Preschool Craft	33
Younger Elementary Craft	35
Older Elementary Craft	37
Session 4 • Overview	39
Preschool Craft	41
Younger Elementary Craft	43
Older Elementary Craft	45
Session 5 • Overview	47
Preschool Craft	49
Younger Elementary Craft	51
Older Elementary Craft	53

Index of Crafts	55
-----------------------	----

Want to make a copy? Send pages via email? Go ahead! But please follow the guidelines below.

Copyright Guidelines

Permission to make photocopies of or to reproduce by any other mechanical or electronic means in whole or in part any designated* page, illustration or activity in this product is granted only to the original purchaser and is intended for noncommercial use within a church or other Christian organization. None of the material in this product, not even those pages with permission to photocopy, may be reproduced for any commercial promotion, advertising or sale of a product or service. Sharing of the material in this product with any other persons, churches or organizations not owned or controlled by the original purchaser is also prohibited. All rights reserved.

*Do not make any copies from this product unless you adhere strictly to the guidelines found on this page. Pages with the following notation can be legally reproduced:

© 2015 Liguori Publications. Permission to photocopy granted to original purchaser only. *MasterMind Crafts*

Liguori Publications Editor: Theresa Nienaber Senior Marketing Specialist: Angela Baumann Marketing Manager: Joe Snyder Publisher: Virgil Tipton President: Fr. Donald B. Willard, CSsR Director, Editorial/Product Development: Luis J. Medina

Gospel Light Vacation Bible School

Publishing Director, Donna Lucas Associate Managing Editor, Karen McGraw Editorial Team, Mary Gross Davis, Courtney Hlebo Contributing Editors, Sherri Martin, Judy Nyren, Judy Rose Production Manager, Peter Germann Art Director, Lori Hamilton Redding Senior Designer, Carolyn Thomas Founder, Dr. Henrietta Mears Publisher, William T. Greig Senior Consulting Publisher, Dr. Elmer L. Towns Editorial Director, Biblical and Theological Content, Dr. Gary S. Greig Imprimi Potest: Harry Grile, CSsR, Provincial, Denver Province, The Redemptorists Imprimatur: Most Reverend Edward Rice, Auxiliary Bishop, Archdiocese of St. Louis






©2015 Liguori Publications under a publishing agreement with Gospel Light, Ventura, California. All rights reserved. Printed in the U.S.A.

Scripture texts in this work are taken from the *New American Bible*, revised edition © 2010, 1991, 1986, 1970 Confraternity of Christian Doctrine, Washington, D.C., and are used by permission of the copyright owner. All Rights Reserved. No part of the *New American Bible* may be reproduced in any form without permission in writing from the copyright owner.



Course Overview

Purpose: Discovering **God's Plan 4 U = Jesus!**
Theme Verse: John 14:6–7

Session	 1 God's Plan: 2 MAKE Us!	 2 God's Plan: 2 BE WITH Us!	 3 God's Plan: 4 Us 2 KNOW Him!	 4 God's Plan: 2 SAVE Us!	 5 God's Plan: 2 LOVE Us 4-Ever!
Bible Story	The Creation Formulation Genesis 1:1—2:2	The Sin Separation Genesis 2:8–9, 15–17; 3:1–24	The Personification Revelation John 1:1–2,14; 5:1–9; 6:16–21; 11:57; 14:1–7	The Salvation Solution Luke 22—24:35	The Infinite Implementation Mark 16:15; Acts 1:1–11; 2:4,41–47; 4:32–35
Q&A	Who made the world and who made me? God, who created the universe, made you and loves you. CCC* 295–297	What happens when I disobey God? Sin separates you from God. CCC 1849–1850	What is God like? When you read about Jesus in the Bible, you know more about God. CCC 131–133	Why did Jesus have to die? Jesus died and rose again so that you can live as a member of God's family. CCC 166	So . . . now what do I do? You can live as God's child and show His love to others. CCC 2044–2046
Spark Principle	Gravity When He made the world, God created all the scientific laws that govern it—laws like gravity.	Cause & Effect Whatever we do (a cause) has a result (an effect). Whenever we sin, the effect is separation from God.	Motion Objects at rest stay at rest until a force puts them in motion. People were stuck in sin until Jesus came and put God's plan in motion.	Transformation Transformations occur when something new is introduced to an existing object and changes the object. Jesus changes us.	Chain Reaction A series of events caused by the one before. Sharing God's love with others can start a chain reaction and go on and on and on!
Bible Verse	"In the beginning when God created the heavens and the earth [...] God created mankind in his own image; in the image of God he created them; male and female he created them." Genesis 1:1,27	"[A]ll have sinned and are deprived of the glory of God." Romans 3:23	"Jesus said to him, 'I am the way and the truth and the life. No one comes to the Father except through me. If you know me, then you will also know my Father. From now on you do know him and have seen him.'" John 14:6–7	"For Christ also suffered for sins once, the righteous for the sake of the unrighteous, that he might lead you to God. Put to death in the flesh, he was brought to life in the spirit." 1 Peter 3:18	"[...] live in love, as Christ loved us and handed himself over to us as a sacrificial offering to God for a fragrant aroma." Ephesians 5:2

* Catechism of the Catholic Church

Course Description

Lasers! Gyroscopes! Telescopes! Fusion, fission and chemical reactions!

At SonSpark Labs, explorers of all ages will find their imaginations spark to life as they research answers to universal questions by delving into the shadows of the ancient past, exploring scientific wonders of the present and even searching beyond—to an infinite future! The fun begins as you step into this astonishing world of God's plan for the people of His planet!

Each session focuses on one aspect of God's Plan for You = Jesus!, or GP4U = J!, as revealed through God's Word. Young scientists will participate in experiments and hands-on activities that help them get to know Jesus and God's plan of salvation. Kids will explore the answers to universal questions such as the following:



Who made the world and who made me? Session 1 takes kids on a whirlwind trip through Genesis to observe God's incredible creation. Kids will discover **God's Plan: 2 MAKE Us!**



What happens when I disobey God? In Session 2, kids will find out how the sins committed by Adam and Eve affected all of history—including each of us today. Kids will be encouraged to know **God's Plan: 2 BE WITH Us!**



What is God like? In Session 3, kids will hear about the life of Jesus, the One God sent to bridge the separation created by our sin. Kids will learn that because of Jesus, they can experience **God's Plan: 4 Us 2 KNOW Him!**



Why did Jesus have to die? In Session 4, kids will learn that Jesus loves each one of them so much that He died and rose again so that they could be forgiven! They'll be excited to discover the next part of **God's Plan: 2 SAVE Us!**



So . . . now what do I do? In Session 5, kids will learn what it means to live as a member of God's family—the expansion phase in **God's Plan: 2 LOVE Us 4-Ever!**

This summer, children will excitedly explore the amazing SonSpark Labs. They will trace God's life-changing plan as it's revealed from Creation to the present and on into the future. They'll find answers to life's most important questions. They will discover that God loves them and that through Jesus they can be members of God's family and personally experience God's plan for each of us—God's Plan for You is Jesus!

GP4U = J!

Craft Leader's Guide

Fun in the Lab!

Going to a discovery lab means science adventures, building friendships, learning new skills and creating exciting memories. Children of all ages love the fun of experiments and explosions! (Make that SAFE explosions.) The fun and excitement of SonSpark Labs inspired the crafts found in this book. We hope that you and your children enjoy many fun-filled hours creating projects from *MasterMind Crafts*.

Personalize It!

Feel free to alter the craft materials and instructions in this book to suit your children's needs. Consider what materials you have on hand, what materials are available in your area and what materials you can afford to purchase. In some cases, you may be able to substitute materials you already have for the suggested craft supplies.

In addition, don't feel confined to the crafts in a particular age-level section. You may want to adapt a craft for younger or older children by using the simplification or enrichment ideas where provided.

Three Keys to Crafting with Children

How can you make craft time successful and fun for your children? First, encourage creativity in each child! Remember, the process of creating is more important than the final product. Provide a variety of materials with which children may work. Allow children to make choices on their own. Don't insist that children "stay inside the lines."

Second, choose projects that are appropriate for the skill level of your children. Children can become discouraged when a project is too difficult for them. Finding the right projects for your children will increase the likelihood that they will be successful and satisfied with their finished products.

Finally, show an interest in the unique way each child approaches a project. Affirm the choices they have made. Treat each child's final product as a masterpiece!

The comments you give children today can affect the way they view art in the future, so be positive! Being creative is part of being made in the image of God, the ultimate Creator!

Craft Symbols

Many of the craft projects in *MasterMind Crafts* are appropriate for more than one age level. Next to the title of certain projects, you'll find the symbol shown at left below. This symbol tells which projects are suitable or adaptable for different ages of children—preschool through sixth grade. As you select projects, consider the particular children you are working with.



Feel free to use your own ideas to make projects simpler or more challenging, depending on the needs of your children.

In addition, some craft projects in this book require less preparation than others. The symbol shown at right tells which projects require minimal preparation.



Conversation

Each craft in this book includes a Conversation section designed to help you enhance craft times with thought-provoking conversation that is age appropriate. The Conversation section for a project may relate to prayer, a Scripture verse or a Bible story. Often Conversation sections will include interesting facts. If your craft program includes large groups of children, share these conversation suggestions with each helper, who can use them with individuals or small groups.

Be Prepared

- Focus on crafts designed for the age of the children you are leading, but don't ignore projects for older or younger ages. Elementary-age children enjoy many of the projects geared for preschool and kindergarten children. And younger children are always interested in doing "big kid" things. Just plan on working along with the children, helping with tasks they can't handle alone.
- If certain materials seem too difficult to obtain, a little thought can usually lead to appropriate substitutions. Often your creative twist ends up being an improvement over the original plan.
- Items can often be acquired as donations from people or businesses if you plan ahead and make your needs known. Many churches distribute lists of needed materials to their congregations. Some items can be brought by the children.
- Choose projects that allow children to work with a variety of materials.
- In making your supply list, distinguish between items that each individual child will need and those that will be shared among children.
- Make your project selections far enough in advance that you have time to gather all the needed supplies.

- Print each child's name on five mailing labels. Have extra labels on hand for visitors. As kids finish their crafts, they can place name labels on them right away.
- Make a sample of each project to be sure you fully understand the directions and so that potential problems can be avoided. You may want to adapt some projects by simplifying procedures or varying the materials.
- Keep in mind that some materials may be shared among more than one age level. To avoid frustration, coordinate with other groups that might be using the same supplies you need so that children can complete their craft projects. Basic supplies that are used in many projects, such as glue, scissors, markers, etc., should be available in every craft room.

Crafts with a Message

- Many projects in *MasterMind Crafts* can easily become crafts with a message. Have children create slogans or add the Daily Plan as part of their projects; or provide photocopies of an appropriate thought or Scripture verse for children to attach to their crafts. For example, the Scripture verse could be printed on a label and attached to the Color Viewer craft. For Session 5, all three crafts use GP4U=J! as part of the design.



Helpful Hints

Using Glue with Young Children

Because preschoolers often have difficulty using glue bottles effectively, you may want to try the following procedure:

- Purchase glue in large containers (up to one-gallon size).
- Pour small amounts of glue into several margarine tubs.
- Dilute glue by mixing a little water into each container.



THEN

- Children use paintbrushes to spread glue on their projects.



OR

- Children dip cotton swabs into glue and rub glue on projects.



FINALLY

- When project is completed, place lids on margarine tubs to save glue for future projects.

Cutting with Scissors

When cutting with scissors is required for crafts, remember that some children in your class may be left-handed. It is very difficult for a left-handed person to cut with right-handed scissors. Have available two or three pairs of scissors for left-handed cutters, or scissors that work for either right- or left-handed cutters. These can be obtained from a school-supply center.

If your craft involves cutting fabric, felt or ribbon, have several pairs of fabric scissors available for older children to use.



Using Acrylic Paints

Acrylic paints are required for several projects. Consider the following suggestions:

- Provide smocks or old shirts for your children to wear, as acrylics may stain clothes.
- Acrylics can be expensive for a large group of children. To make paint go further, dilute it with a small amount of water. Or use house paints thinned with water.
- Fill shallow containers with soapy water. Children clean paintbrushes before switching colors and immediately after finishing project.



Craft Center Basics

MasterMind Crafts contains crafts for each age level. The projects in this book can be done in individual rooms or in a Craft Center. Here's how a Craft Center works:

- When possible, select a project that will appeal to several age levels. Sometimes you'll find one project that all children will enjoy making. Other times you'll need to prepare projects for each age level.
- Recruit adults and/or youths to prepare for and run the Craft Center.
- Decorate your center with samples of crafts your kids will be making.
- As groups visit the Craft Center, lead them in making projects, tailoring instructions and conversation to the children's age level.

Steps to Success

As Craft Center Leader, you play a key role in determining the quality of your craft program. Here are four crucial steps in achieving success at your task:

- Plan ahead. Familiarize yourself with each day's craft project, and plan any necessary changes.
- Be well organized (see "SonSpark Labs Checklist" on p. 8).
- Secure your supplies in advance. Prepare a bulletin notice listing items you need donated from members of your congregation. Also, people are often happy to help if you personally ask them to provide specific items.
- Communicate with everyone involved. People who need help don't always ask for it.

SonSpark Labs Checklist

16 weeks before

1. List all staffing needs, for both leaders and adult and youth helpers.
2. Meet with the VBS Director to compile a list of prospective volunteers.
3. Begin personally contacting people to recruit needed volunteers.

12 weeks before

1. Select projects from this book and list needed supplies.
2. Determine which items are already on hand and which need to be secured.

8 weeks before

1. Distribute a bulletin notice listing needed supplies.
2. Begin organizing supplies as they are acquired. Having separate inventories for each age group is often helpful, especially in large programs.

6 weeks before

1. Review staffing needs with the VBS Director, and plan the responsibilities of all who will participate in training session.
2. Assign leaders to make samples of each craft project.
3. Distribute second notice regarding supplies.

4 weeks before

1. Participate in a training session, showing samples of at least the first-day craft projects.
2. Distribute third notice regarding supplies.
3. Make any needed personal contacts to gather required supplies.
4. Ask parish members to help with craft preparation.

Craft Tip

Plan VBS craft preparation events. Have one or two during the day and at least one in the evening so that more volunteers can participate and be a part of VBS.

2 weeks before

1. Purchase any supplies still needed. Adjust supplies as needed.

During VBS

1. Make sure needed supplies are available for volunteers.
2. Secure additional supplies as needed.

Age-Level Characteristics

Ages 3 to 6

Preschool and kindergarten crafts have been planned for children who are three to six years old with a ratio of one leader for every four to six children. Each craft provides enough flexibility so that young children can work successfully. Effectively instructing children of varying ages requires a leader to recognize and accept wide individual differences in skills, abilities and interests. Regardless of the level at which children work, a leader can use the children's interest in the activity to guide their thinking toward understanding a Scripture truth.

PREKINDERGARTNERS are just beginning to use art supplies and often find the finished product of little interest. Encourage them to try new things, but don't expect beauty or design.

KINDERGARTNERS enjoy exploring the use of art materials but may find the process tedious after a short while. To sustain their interest, offer encouragement and assistance as needed.

Grades 1 and 2

The term "perpetual motion" may be used to describe children this age. Small-muscle coordination is still developing and improving. Girls are ahead of boys at this stage of development.

Children are concerned with pleasing their leaders. Each child is also struggling to become socially acceptable to the peer group. The Golden Rule is a tough concept at this age. Being first and winning are very important. Taking turns is hard, but this skill improves by the end of the second grade. A child's social process moves gradually from I to you and we.

Provide opportunities for children to practice taking turns. Help children accept the opinions and wishes of others and consider the welfare of the group as well as their own welfare. Call attention to times when the group members cooperated successfully.

Children are experiencing new and frequently intense feelings as they grow in independence. Sometimes children find it hard to control their behavior.

Seek opportunities to help each child in your group KNOW and FEEL that you love them. Show genuine interest in all children and their activities and accomplishments. Learn children's names and use them frequently in positive ways.



Grades 3 and 4

Children at this age have good large- and small-muscle coordination. The girls are generally ahead of the boys. Children can work diligently for longer periods but can become impatient with delays or their own imperfect abilities.

Children's desire for status within the peer group becomes more intense. Most children remain shy with strangers and exhibit strong preferences for being with a few close friends. Some children still lack essential social skills needed to make and retain friendships.

Look for the child who needs a friend. Move near and include that child in what you are doing.

This is the age of teasing, nicknames, criticism and increased verbal skills to vent anger. By eight years of age, children have developed a sense of fair play and a value system of right and wrong. At nine years of age, children are searching for identity beyond the family unit.

You have a great opportunity to be a Christian example at a time when children are eagerly searching for role models! Encourage children's creativity and boost their self-concept. Let children know by your words and by your actions that "love is spoken here" and that you will not let others hurt them or let them hurt others.



Grades 5 and 6

Children have mastered most basic physical skills, are active and curious and seek a variety of new experiences. Rapid growth can cause some 11-year-olds to tire easily. Often-times in coed groups, boys tend to be less aggressive and girls tend to be friendlier. The mixture seems to bring out the best in both genders.

Friendships and activities with their peers flourish. Children draw together and away from adults in the desire for independence. The child wants to be a part of a same-gender group and usually does not want to stand alone in competition.

Children are usually cooperative, easygoing, content, friendly and agreeable. Be aware that often 11-year-old children are experiencing unsteady emotions and can quickly shift from one mood to another.

Be patient with changes of feelings. Give many opportunities to make choices with only a few necessary limits. Take time to listen as children share their experiences and problems with you.

Children of this age are verbal! Making ethical decisions becomes a challenging task. They are able to express ideas and feelings in a creative way. By 11 years old, children have begun to be able to reason abstractly. They begin to think of themselves as grown-up and at the same time question adult concepts. Hero worship is strong.

Include lots of opportunities for talking, questioning and discussing in a safe, accepting environment. Ask children for their ideas of how things could be done better.



Decorating Your Center

A few simple decorations can transform an ordinary room into part of SonSpark Labs! Complete decorating instructions and patterns are available in the *Lab Décor & More Theme Guide* and on Decorating and Crafts Resources in the Reproducible Power Pack.

Decorating Overview

First, review the decorating options available to you. The images on the next page show you the different room décors for which we have provided instructions and patterns. But don't stop there. If you have a great decorating idea of your own, go for it!

Next, consider the room where you will be leading activities, and then choose the décor that best suits your space, the activities you will be leading and the décor you like the best!

Decorating Tip

The *Lab Décor & More Theme Guide* contains many more ideas and patterns than most parishes will need. Evaluate and choose the ideas that are most appealing and workable for your situation.

Use a variety of real items, painted items or both! Along with backdrops, these items will create the atmosphere of your chosen room. For examples of colors to use for painting patterns, refer to the images. For additional information, see the decorating clips found at liguorivbs.org.

Decorating 1-2-3s

To make decorating for VBS even easier, we've organized all of our ideas according to ease of use. If you're short on time, the **Level 1** and **Level 2** ideas pack maximum fun into minimum effort. But if you're dreaming of transforming your room into a whole new world, **Level 3** ideas will show you the way!

- **Level 1** ideas include easy decorating options available from Liguori Publications. They're ready-made decorations that we've prepared especially for SonSpark Labs VBS, as well as a couple of easy prop additions.
- **Level 2** ideas include anything that you can gather or borrow. Whether you "shop" in your own garage, borrow from a friend or put a notice in your church bulletin, these items are sure to give your rooms added pizzazz.
- **Level 3** ideas include ways to take decorating to the max! These include colorful backdrops, fun three-dimensional props and terrific patterns. If you've got the paint and the passion, these ideas are sure to take your VBS to the next level.

Want more? Then move on to **Level 4**! The Liguori Publications VBS Facebook page is filled with posts from enthusiastic VBS directors and leaders just like you. They're always excited to share great decorating ideas they've come up with and eager to hear any ideas you'd like to contribute. And don't forget the decorating board for SonSpark Labs on Pinterest.



Dress the Part!

Make life in the lab come alive for your VBS kids! As leaders of the Bible Story Center, take on new lab names: Beaker Ben, Laser Liz, Microscope Mindy, etc. Dress in brightly colored T-shirts with graphic designs, or lab coats you decorated yourself, decorate your room and play songs from the *Music & More CD*. You'll have as much fun as the kids—maybe more!

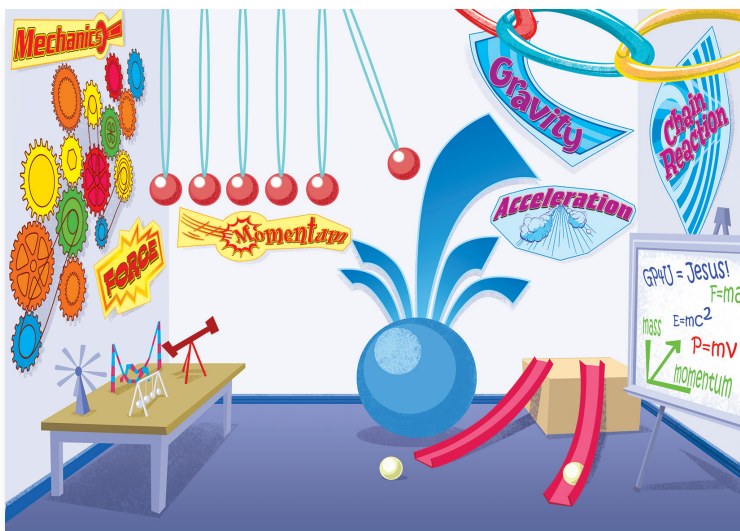


Inventor's Lab

In this crazy inventor's lab, kids can show off their creativity with ingenious activities!

Kaboom! Chem Lab

A colorful chemistry lab is where kids can learn the perfect solution for a great life—God's Plan 4 U = Jesus !



Phenomenal Physics Lab

What goes up must come down!
The physics lab is where kids can learn about cause and effect in our world and how God turned our upside-down world right side up by sending Jesus!

Bio-Life Lab

Create a lab where God's living creations are investigated, examined and celebrated.



Master Materials List

Standard Supplies

- ⦿ ballpoint pens
- ⦿ card stock (white and a variety of bright colors)
- ⦿ cardboard (lightweight)
- ⦿ construction paper (a variety of colors)
- ⦿ copy paper (white and a variety of bright colors)
- ⦿ craft knife
- ⦿ crayons
- ⦿ glue (craft, white, glue sticks, etc.) See Helpful Hints on page 6.
- ⦿ glue gun (low-temperature) and glue sticks
- ⦿ hole punches
- ⦿ markers
- ⦿ measuring stick
- ⦿ paper towels
- ⦿ pencils
- ⦿ rulers
- ⦿ scissors
- ⦿ shallow containers
- ⦿ transparent tape

Session 1

Preschool

- ⦿ aluminum foil
- ⦿ variety of colored narrow Mylar gift-wrap ribbon
- ⦿ variety of colored ribbon

For Each Child

- ⦿ one 2-inch (5 cm) Styrofoam ball

Younger Elementary

- ⦿ Creation Patterns (p. 19)
- ⦿ wire cutters
- ⦿ 18-gauge colored craft or copper wire* **
- ⦿ variety of colored craft foam
- ⦿ needle-nose or round pliers
- ⦿ self-hardening clay, play dough or modeling clay

Optional

- ⦿ confetti or shredded Mylar gift filler

For Each Child

- ⦿ one spray-paint can cap (or similar plastic cap) or small clay pot

Older Elementary

- ⦿ permanent marker
- ⦿ potting soil
- ⦿ large plastic tub or container
- ⦿ variety of paint markers
- ⦿ pitchers of water
- ⦿ easy-to-grow seeds (sun-flower, bean, nasturtium, etc.)

For Each Child

- ⦿ one 1- or 2-liter clear plastic soda bottle with label removed

Session 2

Preschool

- ⦿ clear plastic wrap
- ⦿ variety of stickers (SonSpark Labs Stickers available from Liguori Publications)
- ⦿ colored electrical tape
- ⦿ variety of plastic confetti (preferably transparent)

For Each Child

- ⦿ one cardboard paper towel tube
- ⦿ one rubber band

Younger Elementary

- ⦿ Spectacles Patterns (p. 27)
- ⦿ elastic cording
- ⦿ clear and colored cellophane or cellophane gift wrap**
- ⦿ variety of sequin shapes (star, flower, etc.)

For Each Child

- ⦿ one brown paper lunch bag
- ⦿ two sets of Velcro rounds

Older Elementary

- ⦿ wire cutters
- ⦿ bell wire (comes multi-stranded)*
- ⦿ variety of plastic and acrylic beads
- ⦿ bamboo skewers
- ⦿ needle-nose pliers

For Each Child

- ⦿ one key ring

* available at home-improvement stores; ** available at craft stores

Session 3

Preschool

- corrugated cardboard
- colored poster board
- magazines with nature pictures
- fresh flowers and leaves

For Each Child

- two 4-inch (10 cm) rubber bands

Younger Elementary

- heavy cardboard
- brightly colored poster board
- brightly colored nylon string or lanyard
- black adhesive-backed craft foam**
- clear transparencies or plastic lids
- permanent markers

For Each Child

- one spring-type clothespin
- one new pencil, sharpened

Older Elementary

- hand or power drill
- 1/4-inch (0.6 cm) drill bit
- string
- metallic confetti or glitter
- variety of paint markers

For Each Child

- 28-oz. clear plastic peanut butter jar and lid with label removed
- three large metal nuts
- one 3x1/8-inch (7.5x0.3 cm) rubber band
- two toothpicks

Session 4

Preschool

- Butterfly Pattern (p. 42)
- flat mosaic glass or acrylic pebbles in various colors
- glitter glue pens

For Each Child

- one spring-type clothespin

Younger Elementary

- 1/4-inch (0.6 cm) clear vinyl tubing*
- seed beads
- plastic confetti
- metallic pipe cleaners
- variety of paint pens

For Each Child

- one colored wood barrel bead (with large hole)
- two 1/2-inch (1.3 cm) round magnets

Older Elementary

- black fiberglass screening*
- 1/4-inch (0.6 cm) clear vinyl tubing*
- wire cutters
- 16-gauge craft or copper wire** **
- plastic lanyard
- lightweight clear vinyl sheeting **
- pony beads
- several needle-nose pliers
- metallic pipe cleaners
- 24-gauge beading wire**
- jump rings
- variety of large sequins

For Each Child

- brown paper lunch bag

Session 5

Preschool

- GP4U=J! Symbol Patterns (p. 50)
- adhesive-backed craft foam in yellow, blue, green, purple, red and one other color

For Each Child

- one white folded 4-inch (10 cm) square gift box (available in gift wrap section of stationery or craft stores)
- brown paper lunch bag

Younger Elementary

- GP4U=J! Symbol Patterns (p. 50)
- heavy-duty scissors or wire cutters
- ball chain* **
- craft foam in yellow, blue, green, purple, red and one or more other colors
- permanent markers
- foam glue**

For Each Child

- one ball-chain connector* **

Older Elementary

- GP4U=J! Symbol Patterns (p. 50)
- silver thread or thin cord
- craft foam in yellow, blue, green, purple, red and one other color

For Each Child

- two silver pipe cleaners
- two old CDs

* available at home-improvement stores; ** available at craft stores

Index of Crafts

Age Level

Preschool

Catch-a-Comet.....	18
Color Viewer.....	26
Nature Press	34
Butterfly Clip	42
GP4U=J! Cube	50

Younger Elementary

Creation Wire Sculpture	20
Spectacular Spectacles	28
Lab-Notes Clipboard	36
Totally Tubular Necklace	44
GP4U=J! Key Chain	52

Older Elementary

(The) Incredible Self-Watering Seed Starter	22
Key Kid.....	30
Frenetic-Kinetic Machine	38
Door Dangler.....	46
GP4U=J! Disc Mobile.....	54

Alphabetical Order

Butterfly Clip	42
Catch-a-Comet.....	18
Color Viewer	26
Creation Wire Sculpture	20
Door Dangler.....	46
Frenetic-Kinetic Machine	38
GP4U=J! Cube	50
GP4U=J! Disc Mobile.....	54
GP4U=J! Key Chain	52
(The) Incredible Self-Watering Seed Starter	22
Key Kid.....	30
Lab-Notes Clipboard	36
Nature Press	34
Spectacular Spectacles	28
Totally Tubular Necklace	44

Craft Tip

For even more fun craft ideas, check out our SonSpark Labs Crafts board on Pinterest!

