Section 7: Implementing the Gee Whiz Curriculum



Description and Use of Components Included in the Gee Whiz Curriculum

Getting Started

At GWE, we want to make the program as easy as possible to implement. We recognize that educators of young children are extremely busy people. With that in mind, using the program is truly a three-step process. IMPORTANT! Each Gee Whiz unit is only available on our website for 45 days. As soon as each unit is posted, please download and save all program files to your computer or tablet. Additionally, save a backup copy of all files to a flash drive, external hard drive or the cloud.

Step 1 - Get Ready!

Start by browsing through ALL the materials for each unit. This will give you a good overview.

- Look over the Materials List. Do you have everything you need? Start prepping any materials that require advanced preparation. These will be denoted in RED.
- Do you have any books that relate to the theme? Check out our handy Book List, found in the back of each Teaching Guide and then try to locate some of those books. Your local library is a great resource!
- Does the topic lend itself to any field trips or visitors? Start planning those activities now.
- Review the "Add & Enhance" list (see p. 64) for each unit and start gathering materials that enhance the unit. This is an excellent way to prep the learning environment!

Step 2 - Get Set!

Next, prepare for your first day.

- Read the activities planned for the day and preview the ones for tomorrow.
- Which activities do you think will work well? Do you need to make any changes or adaptations? Now is a good time to consider how you could individualize.
- Think about ways you could expand upon the daily plans. What other activities might be enjoyable?
- Gather the materials you will need to implement the activities you chose to do as well as any you chose to add. Materials listed in red are ones you may a little more time to collect or prepare.

Step 3 - Go!

This is the BEST part...teaching!

- Have fun as you implement the activities.
 Your attitude and excitement will rub off on them!
- Make note of activities that were successful and keep doing them.
 Remember...just because the plans end that day does not mean the activity needs to.
- At the end of the day, evaluate. What went well? What did not? What would you change if you did the activity again?
- Also, did the activities spawn interest in other areas? If so, plan activities on your own to incorporate those interests.



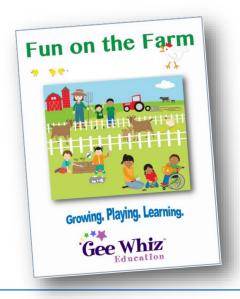
The program contains many components that all work together in a comprehensive way. All components are digital files available to paid subscribers on our website www.geewhizeducation.com. Most of the files are presented in a PDF format. This means you will need to have Adobe Reader installed on your computer in order to read the files. If you do not have Adobe, no worries...a link is available on our website where you can download this PDF reader for free.

Teaching Guides

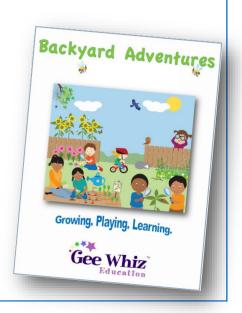
Each month includes two Teaching Guides. These guides contain activities centered around two units that complement each other. You may choose to print both guides at the same time, at different times, or just view online. Each guide contains 10 days of activities designed for ALL ages (infant-toddler-preschool & school-age). The daily plans include an Exploring Together experience, 2 small group experiences (toddler through preschool), and an infant experience. You will find experiences for school-age children in the back of the guide. Keep in mind that these lesson plans are just a starting point ... a foundation. You will need to add your own activities and build upon what we provide to meet the unique needs of the children in your group.

Here is a list of the components included in each Teaching Guide:

- 10 days of daily activity plans
- Experiences for school-age children
- Story text and prop preparation instructions (found only in the first unit of each month)
- Make It! Sheet directions
- School Readiness Activities (advanced preschoolers)
- **IMPORTANT!** Learning Indicator Chart This chart shows you at a glance all of the Learning Indicators (skills) addressed by each Gee Whiz experience included in the Teaching Guide (see p. 37)
- Book List, Songs, Rhymes, Additional Teaching Materials, Patterns, etc.









Lesson Plan Sample

The first page of each daily lesson includes the following:

Picture codes to show the developmental areas addressed.

Activities with this symbol build gross motor skills because they get children moving.

The first bullet of each activity explains the "why" behind it.

This group experience invites children to learn how they do best...through exploration! This activity is inclusive of all ages.

Unit: Balls, Blankets & Boxes
Today's Focus: Fun with Packing Boxes
Developmental Areas Addressed Today:

Be Healthy & Safe!

DAY 2

Fresh air and sunshine are very important to the health and wellbeing of children and adults. Make sure to have outdoor play time every day...weather permitting.

Teaching Tip of the Day

 $\c N$ Teaching children to push in their chairs after eating $_{\Gamma i}$ is a simple way for them to practice responsibility.

Transition Time

Have the children pretend to deliver packages as they move from activity to activity today.

Materials

☐ Max the Mail Carrier puppet

- Packing/Mailing box with your address printed on the outside (You can get Priority Mail boxes for free at the post office. See link on page 2).
- ☐ Recorded music
- Let's face it...children love to move! This experience incorporates
 music and movement in a fun way. As the children participate, they
 will also engage in dramatic play as they pretend to be mail carriers
 delivering packages. This would be a great experience to take
 outdoors if the weather is nice in your area.
- Sit on the floor with the Max the Mail Carrier puppet and one of the
 packing/mailing boxes. As the children gather, invite them to
 explore the box. What does the box look like? Are there any words
 written on the outside of the box? Challenge more advanced
 children to point out the words they see and then read them to
 them. Do they recognize any letters within those words?
- Encourage the children to talk about a time when they may have received a box like this in the mail. What was inside? Who sent the box? How do they think the box got from where it was sent to their own house? Use these discussions to help the children learn more about how boxes get from here to there. Sometimes they fly on airplanes, sometimes they go by truck and many times are delivered on foot. This would be a great time to involve Max in the discussions!
- Next, introduce the game, "Deliver the Package." Use a lawn chair, bucket or any other object to designate the turning around point (about 15 feet from the children). Then, turn on recorded music and give one child a box. Have this child pretend to be a mail carrier as he/she runs to the turning around point and then back to the group to "deliver" the package to the next person. Continue playing until each child has a turn to "deliver the package."

This symbol indicates the activity addresses character education.

Today's Vocabulary

Use some of these words in conversations with children today!

package deliver weight address post office



As younger children participate in activities today, model language by...

- Using words, such as those listed above, while engaging children in conversations during the day's activities.
- Talking with children as they role-play a post office (p. 7).
- Describing children's actions as they use boxes to make music (p. 7).

Questions to Spur Thinking

- What do you see on the box? What do you think those words say?
- How does the mail carrier know where to deliver a package?
- How long do you think it would take to mail a package to (place)?
- Who would you like to mail a package to? What would you send him/her?



Tips to help you model language and build vocabulary each day.

Questions to get children thinking and help you engage them in meaningful conversations.

Lesson Plan Sample

The second page of each daily lesson includes the following:

Activities in pink are designed for toddlers, twos and preschoolers.

When needed, experiences are "leveled" to help you meet the needs of children with different skill levels and/or special needs. The "ages" listed are developmental levels and NOT chronological ages.

Activities in purple are designed just for infants!

DAY 2 - Center/Small Group Activities **Packing and Shipping** roddlers–4 years, 🗩 😊 🗡 🍣 🤊 Questions to Spur Thinking ☐ Assorted boxes (see note on p. 2 about getting free boxes from the USPS) Tell me about what you chose to pack and ship. ☐ Assorted types of tape, crayons/markers, tissue paper, scissors, etc. What technique did you find worked best for using the box to make music? Children use dramatic play to not only show what they know but also to build skills in many other areas. During this experience, the children can pretend to pack and ship surprises to family or **Banging on Boxes** friends. This is also an excellent way for them to build fine motor control. Because different Toddlers-4 years, 🖑 🗩 🎔 🎜 📍 🦞 developmental levels will approach this experience differently, we are providing options. Materials: Assorted boxes Toddlers/Twos/Young Threes: This age group will □ Plastic or wooden cooking spoons just enjoy putting things in boxes and taking them out. As they play, be sure to not only describe the Using every day items in different ways is a wonderful objects they choose as well as their actions. This would be an excellent time to reinforce the opposites way for children to think outside the box and use problem-solving skills. During this experience, the in and out as well. children will do all of these things while building fine motor control and eye-hand coordination at the same Older Threes/Fours/Advanced Preschoolers: These time. In addition, the children will have the opportunity children can choose items to pack and then tape up the boxes in preparation for "shipping" them. As they to make and test predictions as well. do so, your most advanced group can even write Set out the boxes as well as the plastic and wooden their addresses on the boxes or can dictate them for you to write. Be sure to talk about letter names and cooking spoons. As children show interest in these materials, engage them in conversations. Challenge beginning sounds during this time. Once packed, the children can even pretend to deliver their packages. them to use the boxes to make music. Some children Then, they can unpack them and repack them again may choose to bang on the boxes with the spoons while others may choose to use their hands. Some children and again. If possible, keep this learning station open for this entire unit. may choose to hit the boxes on the sides while others may use the bottoms. Whatever the children decide is great! Describe not only the children's actions but the results as well. (Infants. 9 . Advanced Preschoolers: These children may think of other ways to use the boxes to make music. Encourage their ideas! This may mean they need to seek out other Materials: materials...which is fine. In addition, these children can ☐ Box and plush animal make predictions about which techniques (or materials) they think will enable them to make the "best" music. · Reciting rhymes is a wonderful way of exposing infants to new language and vocabulary. Adding action makes the rhyme more engaging and also challenges the infant to use his/her senses. Your Own Activities · Have the infant sit beside you (if he/she is able to do so) or hold him/her in your lap. Put the box in front of you. Recite the rhyme and then make the animal pop out of the box at the corresponding What is in the box? What is in the box? I will count and you will see...

What is in the box! 1....2....3.... POP!

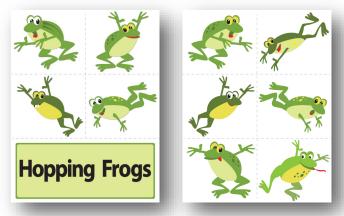
More questions to promote interactions with children.

Activities with this symbol may be done outdoors if desired.

Space to add your own ideas!

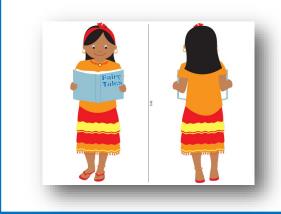
Story Props

Each month, you will receive an original story and story props. The story itself and detailed instructions on how to prepare the props can be found in the Teaching Guide for the <u>first unit</u>. The types of props will vary from month to month. This makes storytelling fun and interesting. The story props are provided as a separate file.



Printable Puppet

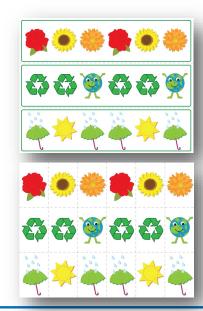
The <u>second unit</u> each month will now contain a printable puppet. The types of puppets will vary from month to month. The one pictured here is designed to be glued to a pocket puppet. You will use the puppet to introduce new concepts and ideas throughout the unit.



Teaching Tool

You will find a Teaching Tool included with the second unit each month. This component is designed so you can use it in many ways to reinforce skills in many different developmental levels.

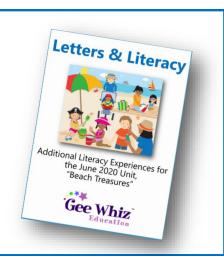
Preparation directions are normally found in the Teaching Guide. While the guide also gives ideas on when to use the Teaching Tool, feel free to utilize it in other ways as well. Our goal is to provide you with a tool that is both educational and flexible!



^{*} Please note...the examples pictured on the following pages are from past Gee Whiz units. The ones for this coming year are currently in production.

Letters & Literacy Experiences

This component was just added to help you expose <u>children who are developmentally ready</u> to letter names and letter sounds. The experiences included in this booklet integrate with the activities in the Teaching Guide to make this process meaningful to children. We also include a letter to parents/guardians explaining how the Gee Whiz curriculum exposes children who are ready to these early literacy concepts. You can find that document by following this link: https://geewhizeducation.com/wp-content/uploads/2020/07/parentflyerliteracy2019-1.pdf



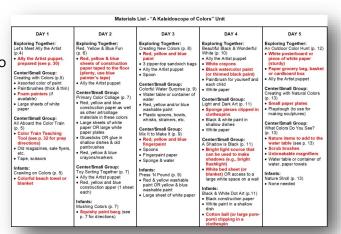


Add & Enhance

This component is designed to help you enhance the learning environment for each unit and to encourage free play and exploration ... both inside and out. Included are suggested materials to add to centers that integrate with the unit. There is one Add & Enhance included for each teaching unit. We've added a helpful tip sheet with this document to help you learn more about using it in your program as you introduce each unit. We also have a guide, "The Learning Environment & Gee Whiz" included on our website to help you address many of the areas commonly evaluated on Environmental Rating Scales. Here is the link to the page on our website where you will find this document: https://geewhizeducation.com/learning-environment/

Materials List

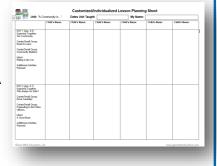
Each Gee Whiz unit comes with a helpful Materials List so you can gather the materials you need in a snap! Materials listed in red may just take a little more time to collect or prepare. On the last page, in yellow boxes, are specific materials you will want to be sure to locate well ahead of time and/or purchase (e.g., food for cooking experiences). There is also a yellow box that contains items parents/guardians need to send in OR can help you gather.



^{*} Please note...the examples pictured on the following pages are from past Gee Whiz units. The ones for this coming year are currently in production.

Customized/Individualized Lesson Planning Sheet

This new component is designed to help you customize and individualize the Gee Whiz curriculum to meet the unique needs of the children in your group. Available in both a Word doc (so you can type in the boxes) or PDF (if you prefer to write), this document comes in extremely handy when working with children with disabilities, suspected delays or special needs. A new sheet is included for each unit.



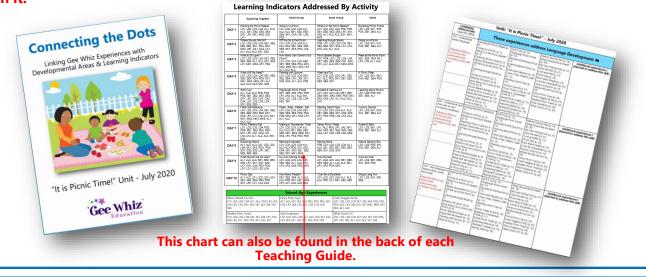
Individualization Web

Another component of the curriculum is our Individualization Web. Each unit has a web that has been customized with the unit's name and topics. Feel free to print out a web for each child. More details on how to use the Individualization Web along with the Observe & Reflect Grid can be found on pages 16-21 of this guide. These tools, when used together, not only help you gain important developmental information about each child, they also help you individualize the curriculum.



Connecting the Dots

This new component is designed to help you connect specific skills (Learning Indicators) with activities included in the Gee Whiz curriculum. The component also helps you connect Developmental Areas to activities as well. This process also helps you link your formal child assessment tool with Gee Whiz. You can find a recording of our webinar, "Connecting the Dots - Linking Gee Whiz Experiences with Skills and Assessment" on our website and on our YouTube channel. We highly encourage you to watch it.



Let's Read Together!

Available in English & Spanish

This <u>per child component</u> is designed to help you build literacy skills with all children. Each "Let's Read Together!" booklet is easy to prepare. You just print it out, cut, stack and staple. The short stories or rhymes included in this component are designed to reinforce the unit topic. Each booklet also contains open-ended questions to ask. The main goal of this component is to encourage parents/guardians to read to their children at home. (2 stories per month/1 per unit... available in English & Spanish).



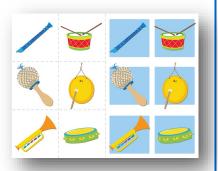


Make It! Sheets

These sheets are totally OPTIONAL! Unlike "coloring sheets," Make It! Sheets are designed to be completed and used in different ways. The purpose behind these sheets is to:

- Promote fine motor development
- Enhance literacy development
- Encourage dramatic play (often)
- Be a "talking point" for parents, teachers and children

These sheets are meant to be reproduced. However, please print only enough copies to use in your program. The maximum a provider may print is 12. Detailed directions as well as options for using the sheets can be found in the Teaching Guide. Available in English & Spanish if the sheet contains text.





Digital Family Notes

AVAILABLE IN ENGLISH & SPANISH

This component is truly unique! These Digital Family Notes are provided to you as .jpeg images. This means that you will be able to save the files to attach to emails, send as text messages, or even place in a newsletter if working with a group.

To use them, simply click on each file and save it to your computer in your picture folder. Then, you may choose to use these files in the following ways:

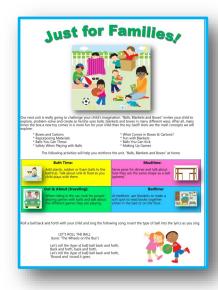
- •Attach the file to an email to parents
- •If you have a Smartphone, save as an image/picture and then text to parents/caregivers.
- •If you produce your own newsletter, insert the image as a picture and insert in your newsletter.



Family Letters

AVAILABLE IN ENGLISH & SPANISH

As you know well, parents/caregivers want to stay informed about what their children learn while they are in your care. You will receive two Family Letters each month...one for each unit. This PDF file can be printed or even emailed.



All About My Week Reports - An "Step Back & Reflect" Tool

AVAILABLE IN ENGLISH & SPANISH

At GWE, we believe that assessment/evaluation should be an on-going, authentic process. Our All About My

Week reports are a wonderful tool that helps you gather critical information about each child's interests and skill level

A new design is included with each unit. You will need two copies of each design for each child because you will be sending one home per week. Again, please only print as many copies as you need for the children in your care.

Be sure to make a copy of each child's <u>completed</u> report to keep for yourself. The information included on these reports will help you assess each child's skill level in many developmental areas as well as assist you as you strive to individualize the program. <u>The completed reports can be a wonderful addition to any child's portfolio.</u>



Supplemental Materials Available on the Gee Whiz Website

Developmental Checklists

Looking for developmental checklists? Visit the Developmental Checklist section of our website! The CDC has a wonderful set of checklists you can use with your children. Here is the link to that information: https://

geewhizeducation.com/developmental-checklists/

In addition, because of the comprehensive nature of the curriculum, many different formal assessment tools may be used with it. The skills and concepts covered in the curriculum address state and national standards and therefore, provide a strong foundation for learning in all areas of development.





FREE Tools for Providers

If you go to the Gee Whiz website ... www.geewhizeducation.com, you will find numerous free resources, including out blog. We are constantly posting new resources so be sure to visit often. You will also receive emails when new materials are available so make sure that Gee Whiz is on your "OK" list for emails!

These are just a few of the MANY supplemental materials available to providers on our website. New materials as added to this section quite frequently.

Materials to Collect

At Gee Whiz Education, we recognize that you work on a very tight budget! To help you in this area, we plan activities and experiences that utilize everyday household items, inexpensive supplies and recyclables. Collecting these things to have on hand will assure you have what you need when you are ready to complete activities with the children. Parents/Guardians, relatives or even friends are often more than happy to supply you with these items if they have them on hand. Don't be afraid to ask!

Recyclables

- Cardboard boxes (all sizes)
- Paper towel and toilet tissue rolls
- Paper shopping bags (grocery and department store)
- Spools
- Egg cartons (only Styrofoam, washed or wiped down with a cleaning wipe)*
- Empty milk or juice cartons and jugs*
- Empty juice boxes*
- Dress up clothing* yard sales and thrift stores are great resources for these!
- Plastic food containers and lids*
- Old newspapers
- Old blankets or sheets*
- Empty food boxes
- Old socks and nylon stockings/knee highs*
- Jar lids (assorted sizes)*
- Oatmeal containers with lids

Consumables

- Drawing and construction paper
- Paint (easel and watercolors)
- Finger-paint (see recipe, next page)
- Playdough (see recipe, next page)
- Paper lunch bags
- Blue painter's tape
- Sponges
- Paper plates (large and small)
- Paper towels
- Plastic cups (different sizes)
- Drinking straws
- Aluminum foil
- Zipper-top bags (large and small)



Keep Handy

- Blankets and sheets
- Extra pillows
- Folding tables
- Clothesbaskets
- CD player or digital music player and docking station
- Flashlights (child-safe)

* Make sure to wash and dry completely before using with children.

Recipes for Basic Materials

Bubble solution and playdough can be expensive to buy and yet, are quick and easy to prepare yourself...for a whole lot less money! Use these recipes to help you prepare these materials so you do not need to buy them!

Cooked Playdough

- 2 cups flour
- 1 cup salt
- 2 cups water (add food coloring, if you want)
- 2 Tbsp. cooking oil
- 4 tsp. cream of tarter

Mix dry ingredients together in an old cooking pot. Add water and oil. Cook on medium heat until the mixture forms a ball. It is important to make sure you do NOT overcook the dough. Carefully remove the dough from the pot and knead once cool enough to touch. Store in a zipper-top bag to keep soft and fresh.

Baking Clay

- 1 1/2 cups salt
- 1 1/2 cups water
- 4 cups flour

Mix dry ingredients together in a large bowl. Add water slowly and mix well. Once mixed, remove dough from bowl and knead on floured surface until smooth. Shape dough as desired and bake at 300 degrees until hardened. Hint: thinner creations harden faster and very thick ones may not harden completely. Keep an eye on creations while baking.

Bubble Solution

- 1 cup liquid dish detergent
- 2 cups water
- 4 Tbsp. glycerin (purchase at the drugstore)
- 1 tsp. sugar

Mix ingredients together and store in an airtight container.



Washable Finger Paint

- 1/3 cup cornstarch
- 2 Tbsp. sugar
- 2 cups cold water
- 1/4 cup liquid dish detergent
- Tempera paint
- Airtight containers with lids (one per color)

Mix cornstarch and sugar in a cooking pot. Slowly add cold water, stirring constantly. Cook over medium heat until almost clear. Remove from heat and pour into a mixing bowl. Allow to cool. Once cool, add 1/4 c. liquid dish detergent. Divide into airtight containers with lids and tint with tempera paint to make as many different colors as desired.

Tips and Tricks



Don't you just love those, "Wow! I wish I would have thought of that!" ideas? Here are a few tips and tricks we hope will help you!

Refrigerator Story Board

Who says you need a fancy flannelboard to share a story? Instead of using a flannelboard, use your refrigerator! Just attach strips of magnetic tape to the back of story pieces and put them on and off the refrigerator as you tell the story. (Unfortunately, if you have a stainless steel refrigerator this will not work). If this is the case, you can try other metal surfaces OR use loops of painter's tape and attach the pieces to a window or wall instead.

Diapering Time

Getting toddlers to lie still long enough to get their diapers changed can be a chore at times! Next time your little bundles of energy do not want to lie still to get their diapers changed, try singing this silly song.

Diddly, Diddly, Doo (tune: "Yankee Doodle")

Diddly, diddly, diddly, doo I'll change your diaper now. Wiggly, wiggly, woo And then you can get down. Watch me make a silly face. You can make it, too. Here it comes, get ready now. I'll make it just for you!

(Make a silly face and invite child to make it with you!)

Art Paper Storage

Pizza boxes make great storage containers for art paper AND they stack! Just ask your local pizza restaurant if they would be willing to donate a few new boxes. Cut a small piece of each color of paper you put in each box and glue to the outside edge. That way you will know at a glance the colors of paper inside each box.

Crayon/Marker Sorters

There is nothing more frustrating than a big box of mixed, broken crayons. Here is an easy way to keep your crayons and markers sorted by color while promoting classification skills at the same time! Just save empty cardboard juice cartons. Wash and dry the cartons. Cut the tops from the containers, leaving about 4 inches of the sides attached to the bottom. Wrap each cut carton in a different color of construction paper (one for each color of crayon or marker). When finished, have the children help you sort the crayons and markers into the individual containers by color.

Homemade Paint Stampers

This art tool is excellent for very young children or those with limited fine motor control. To make this art tool, you will need empty spools and sponges. Trace cookie cutters onto sponges and cut out. Use a hot glue gun to attach a spool to each sponge. Allow the glue to harden. Children can use the spools as handles as they press the sponge portion into paint and then onto paper.