



Budding Botanist Materials List

Suggested Materials to Have for Every Session

- Drawing Materials (pencil, markers, crayons, colored pencils, etc.)
- Sheets of plain white paper (computer paper, sketchbook paper, blank backside of a flyer, etc.)
- Recyclable/art materials (suggested not required)

Please see "Crafty Creative Reusables" list at the end of this document

Daily Themes & Materials Needed per Session

Session 1 (June 21) – Plant Parts

- Some kind of fruit or vegetable. Today we will go on a "scavenger hunt" to find a fruit or vegetable and try to figure out what part of the plant it is (root, seed, etc.). You can either have your fruit or vegetable already picked out prior to today's class or have a few items accessible nearby to choose from.
- Magazines to cut pictures from
- Scissors
- Paper
- Glue
- Drawing materials (colored pencils, crayons, or markers)

Session 2 (June 22) – What Do Plants Need?

- A fresh green leaf – this could be picked from a plant outside or be a salad leaf from the fridge, it just needs to be fresh and not dried out.
- A piece of white paper
- A small metal spoon



Session 3 (June 23) – Pollination

- Paper flower cut-outs
- Chalk
- Cotton ball
- Several large seeds like a lima bean or sunflower (this can be from a seed packet or your pantry)
- A seed that can be planted (beans are ideal)
- Ziploc bag
- Damp paper towel

Session 4 (June 24) – Soil

- Soil mixed with glue and water. Today we will be painting with soil. If you're able, **please gather soil ahead of time and allow it to dry**. Once dry, crush the soil up and run it through a sieve to make it as fine as possible. Mix soil with glue and water (a little at a time so it doesn't become too runny) until it's the consistency of paint.

Note: Brown paint would also work well as a substitute if you aren't able to gather soil!

- Thicker paper such as watercolor paper or cardstock
- Paintbrush

Session 5 (June 25) – Planning a Garden

- Pencil
- Grid Paper
- Ruler
- Another drawing or art supplies you would like to bring such as markers, colored pencils etc.



SMITHSONIAN SUMMER VIRTUAL ADVENTURES

Crafty Creative Reusables

Before tossing or recycling something, think about how it could become an art-making material! The items on this list will often be described as miscellaneous or 3D materials in projects and activities. Some of these items may require being made into smaller, more manageable pieces. Some items on this list are marked with a * as they are items to consider purchasing specifically for craft use. If specific items are integral to your Adventure's activities, they will already be listed above.

Baby food jars

Beads*

Bottles and bottle caps

Bubble wrap

Buttons*

Cardboard

Options may include moving or shipping boxes and cereal or food boxes.

CDs and/or CD cases

Chopsticks

Clothes and fabric pieces

Options may include fabric cut from old t-shirts or jeans, socks, blankets, towels or pillowcases.

Clean cotton balls*

Corks

Small crayon pieces

Dried out markers

Egg cartons

Expired dry food

Options may include rice, beans or popcorn kernels.

Felt*

Feathers*

Foam and packing materials

Grocery bags *Paper or plastic.*

Leaves

Newspaper

Old book pages

Paper plates

Party napkins

Pipe cleaners*

Popsicle sticks*

Pom poms*

Postcards

Puzzle pieces

Ribbon

Rubber bands

Scrap paper

Scrapbook paper*

Screws, nuts and bolts

Sequins*

Shoestrings

Soda can tabs

Stickers*

Straws

String*

Styrofoam plates or containers

Tin cans

Tin foil

Tissue paper*

Options may include colorful tissue paper used in gift wrapping.

Toilet paper and paper towel rolls

Water bottles

Wax paper

Wrapping paper

Ziplock bags

Adapted from NMAAHC Kids' Creativity Kit Checklist



Smithsonian Associates