



Kids in the Biosphere Club

Materials List

Be prepared for your week of fun with Kids in the Biosphere!

Check that you have these materials on hand.

Monday

MAKE A TERRARIUM

- 1 two-liter pop bottle
- Soil
- Small stones
- Seeds from trees or flowers
- Water
- Scissors

STARTING SEEDS INSIDE

- Seeds
- Small containers (check your recycling!)
- Soil
- Water

SEED PAPER

- Paper
- Small seeds
- Blender
- Mixing bowl

- Washcloths or towels (or paper towel)
- Cookie cutters (optional)
- Hairdryer or cooling rack (optional)

DISSECTING A BEAN SEED

- Large beans (kidney, pinto, or lima beans)
- Pencil or pen
- Magnifying glass (optional)

SPORE PRINTS

- Large mushroom
- White or dark paper
- Hairspray (optional)

DISSECTING A BEAN SEED

- Large beans (kidney, pinto, or lima beans)
- Pencil or pen
- Magnifying glass (optional)

ANIMAL BLIND

- An old sheet or blanket
- 2 branches or poles 1.5 meters long
- 1 branch or pole 2 meters long
- String and scissors
- Clips or clothespins

SHREDDED PAPER ANIMAL ART

- Glue
- Any colour paper
- White or black paper for a background
- White sheet (optional)

Tuesday

SHADOW PUPPETS

- Cardboard,
- Popsicle sticks or sticks,
- Black paint,
- Scissors,
- Tape,
- Pen, pencil or marker,
- Flashlight

Wednesday

COOK A PIZZA IN A SOLAR OVEN

- A pizza box
- Scissors and tape
- Tin foil
- Wooden skewer or spoon
- Plastic bag (reuse one!)
- Black paper
- Mini pitas, sauce, cheese, toppings!

RIDING THE AIR: HOMEMADE KITE

- A sheet of paper
- Bamboo skewer
- Tape and string
- Scissors
- Hole punch

SUN TIME: MAKING A SUNDIAL

- Cardboard or sturdy paper
- Modelling clay or rubber ball/block
- Pencil and marker
- White glue
- Ruler
- Clock
- An open space that gets full sun

CREATE A CLOUD

- A jar with lid
- 1/2 cup hot water, ice cubes
- Bug spray (or hairspray)

Thursday

ICE CHALK

- Cornstarch
- Food colouring
- Cupcake tins or silicone molds
- A large spoon

PLANT PRINT ART

- Paint
- White paper
- Shallow paint plates or scrap cardboard

ART FOR BIRDS

- Dish soap
- Tempera Paint

NATURE FRAME

- Cardboard
- Scissors
- Cotton string
- Tape
- Sticks/flowers/leaves
- Camera
- Decorations (optional)

Friday

SIT SPOT SENSES

- A piece of paper or notebook
- Clipboard
- Watch
- Clock and/or timer

EXPLORING BACKPACK

- Clipboard
- Magnifying glass
- White and black
- Piece of paper
- Paint samples (natural tones)
- Binoculars
- Backpack to put it all in!

MAKING BARK ART

- White paper
- Crayons or pencil crayons

SPRING TREE ART

- Paper
- Paint and brushes

A MAPLE SYRUP EXPERIMENT

- ½ cup granulated sugar
- 1 cup brown sugar
- 1 cup water (boiling)
- 1 teaspoon butter
- 1 teaspoon maple extract (or vanilla)

TOUCH TEST

- Medium/large cardboard box
- Scissors
- Mystery items!

SMELL TEST

- A blindfold
- Different foods
- Twigs or sticks (optional)
- Glue (optional)