

Supplies included in the WONDERS ACTIVITY PAK

(some modules only require commonly available items)

Module 1

Diffraction: Diffraction grating glasses and peephole, CD, board, mirror, 7 white pipe cleaners, magnet strip

Capillary Action & Sharpie Art: Wax paper, pipettes (4), sharpie cloth, big rubber band

Fascinating Magnets: Buzz magnets

Elegant Antlers: Antler chip

Density, Neutral Buoyancy, & More: Clear plastic cup

Module 2

Big Moon: Board, moon stickers, glow powder (use 1/3 – also used in Modules 5 & 6), string **Everyday Leaves:**

Microwaves, Protons & Their Buddies:

Mighty Starfish: Small starfish

Mini Shells: Mini shells, shell bottle with cork

See-Thru Polymers & Refraction: Clear plastic cup, plastic box with cover, clear polymer spheres (orbees), plastic insert

Module 3

Amazing Balance: Block of wood, large nail, 10+ smaller nails,

Deserts & Strange Wood: Cholla wood

Lizards, Polarity & More: Paperclip

Ring & Chain: Metal ring, chain

Flight, Foils & Angles of Attack: Straw, propeller, light flyer and launcher

Module 4

Capillary Action & TP Splatt: Viz-a-viz marker, coffee filter

Flat Layer Fun: Colored polymer spheres, flat-bottom test tube, sandstone, rock candy

Flying Things & Aerodynamics: Paper clip with NO ribs, Alia-seltzer, film canister with lid,

Ingenious Ingenuity & Microbubbles: Bubble cup (It is a stiff cup with a hole in the bottom), washcloth, large rubber band

Super Duper Sliming:

Module 5

Bioluminescence & Lava Lamp: Plastic test tube, UV light, Alka-Selzer, glow powder (use 1/3 – also used in Modules 2 & 6), Pop rocks

Coffee, Sweets & Smells & Tastes: Artificial sweetener pack

Great Flower Hunt:

Invisible UV: Yellow highlighter pen, UV beads, string, UV light

Mighty Feathers 1: Feathers

Module 6

Cartesian Riddle: Pipette, nut, pom-pom, googly eye, Bottle with white cap,

Glowing Eggs: Super thumb tack, glow powder (use 1/3 – also used in Modules 2 & 5)

White as Snow: Instant snow powder,

Wild Eggs:

Module 7

Burning Metal: Fine & Coarse steel wool

People Muscles & Amazing Meat:

Seed Secrets: Seeds: Bean, Nasturtium, Watermelon, Alfalfa, clear plastic cup

Super Rock Board: Cedar board, string, Super Rock board label, chalcopyrite, tiger's eye, pyrite, fire quartz

Module 8

All from Energy – Botany, Too:

Balance Bird: Balance bird & base

Bee Wise: Bees wax, wick

Electrons & Electricity: Christmas lights,

Shell Beauty: Shell collection

Module 9

Acids & Bases – Blood Paper: yellow-orange goldenrod colored paper

Pinecones!: Pinecone collection

Cabbage Juice & its Anthocyanin Buddies:

Bernoulli's Principle & Hummer Hunters: Wind bag, ping pong ball

Pressure – Good & Bad!: Marshmallow gun parts and barrel

Butter & Ice Cream:

Module 10

Buzz Tube: Electric tube

Rattlesnake Eggs: Rattlesnake eggs

Teeth & Bones: Tooth necklace

Testing for Chlorophyll & Its Buddies:

Static Electricity: Plastic bottle with black lid, colored styro-beads

Module 11

Snazzy Fur: Deer fur

Polymers – Big & Small: Mixed bag of polymers,

Vortices & Tornado Tube: Tornado tube connector, 2 large bottles,

Bark Hunt:

Water Repellency & One Very Clever Beetle: Wax paper, hydrophobic sand, candle

Module 12

Salt, Ice & Heat: Himalayan salt rock

Heat & Insulation: White sock, balloon

A Snazzy Shooter Crazy Sugar & Its Products: Syringe, black straws, playdoh,

Pumice: Pumice

Sound: Clear cup, large paperclip, string, thick rubber bands, thin rubber bands, popsicle sticks, 2 straw pieces

The goal is to open the entire family's heart and mind to God's Wonders like never before!



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