summer 2020 materials list

week 1—fur, fins, + feathers: animals in the wild

tuesday, july 7

materials you need:	extra awesome:
❐ white paper	❐ dry erase lapboards
❐ drawing tools (markers, crayons)	❐ white board markers + eraser
❐ recycled cardboard boxes (toilet paper rolls, paper towel rolls)	❐ animal print paper
❐ scissors	❐ googly eyes
❐ glue	❐ pipe cleaners
❐ tape	❐ feathers
❐ construction paper	❐ modeling clay
	❐ wear your favorite animal print!

thursday, july 9

materials you need:	extra awesome:
❐ recycled cardboard box (old shoebox)	❐ diorama box
❐ construction paper	❐ modeling clay
❐ scissors	❐ pipe cleaners
❐ tape	❐ tissue paper
❐ glue	❐ animal foam stickers or plastic figurines
❐ drawing tools (markers, crayons)	❐ dress up as your favorite animal!

week 2—chromatics: the science + nature of color

tuesday, july 14

materials you need:	extra awesome:
❏ clothes you don't mind getting dirty	❏ apron or smock
❏ mallet or large-ish rock	❏ hammer
❏ 100% cotton, linen, hemp, wool, or silk material, white or light color (t-shirt, handkerchief, scarf, ribbon, cord, etc.)	❏ any white or light color material more than 50% natural fiber (cotton, hemp, linen, wool, rayon)
❏ small container or plastic lid (3)	❏ painters palette
❏ thick paper/cardstock, white	❏ watercolor paper
❏ instant coffee (2.5 tsps)	❏ frozen blueberries, strawberries, or raspberries
❏ salt (1 tsp)	❏ pipette or glass dropper
❏ paintbrushes	❏ wear your favorite color from head to toe!
❏ flowers and/or leaves from outside	

thursday, july 16

materials you need:	extra awesome:
❏ clothes you don't mind getting dirty	❏ apron or smock
❏ white dyeable material (t-shirt, handkerchief, scarf, ribbon, cord, etc.), 100% cotton, linen, hemp, wool, or silk	❏ any white or light color material more than 50% natural fiber (cotton, hemp, linen, wool, rayon)
❏ turmeric, 3 tbsps	❏ alternative spices: paprika, chili powder, rosemary
❏ kitchen staples or food scraps: red cabbage, spinach, onion skins, avocado pits, lemon or orange peels	❏ alternative kitchen staples: black tea, chamomile, lavender, nettle leaf, hibiscus leaves
❏ stove top	❏ tea pot/water boiler for boiled or hot water
❏ salt (1 tsp)	❏ clothespin (for tie-dye effects)

❒ white vinegar or vinegar powder (2-3 tsps)	❒ rubberbands (for tie-dye effects)
❒ large bowl or plastic tub	❒ bring your most creative tie-dye item!
❒ large pot	
❒ water	

week 3—wonder of motion: movement, machines, + you!

tuesday, july 21

materials you need:	extra awesome:
❒ scissors	❒ stickers
❒ tape (masking tape is best)	❒ googly eyes
❒ clay (modeling clay is best) but can also use construction paper/fabric and pipe cleaners/craft wire	❒ paint + paint brushes
❒ drawing tools (markers, crayons)	❒ pom poms
❒ tablet or phone with a camera	❒ small toys or action figures
❒ download the free 'Stop Motion Studio' app	❒ foam core or paper for a background
❒ wear something loose or stretchy	❒ bring your dance shoes, tutu, or leotard!

thursday, july 23
grades 1-2: pulley + car

materials you need:	extra awesome:
❒ rope or string	❒ stickers
❒ empty spool or rolling pin for pulley wheel	❒ drawing tools (markers, crayons)
❒ small bucket or toy	❒ paint + paint brushes
❒ scissors	❒ pom poms, sequins
❒ tape (masking tape is best)	❒ magnets (2+)
❒ glue	❒ sand paper, felt, newspaper (materials for different tracks)

❐ object for car body - toilet paper roll, paper towel roll, cardboard box	❐ foam block
❐ straws (2)	❐ dress up as an engineer!
❐ axels - dowel rods or skewers	
❐ car wheels - buttons, bottle caps, lego wheels, or car kit wheels (4)	
❐ dry kitchen sponge to cut up if using bottle cap wheels	

grades 3-5: catapult + car

materials you need:	extra awesome:
❐ paint stick/stirrer	❐ stickers
❐ wooden craft sticks	❐ drawing tools (markers, crayons)
❐ 4 oz plastic cup or bowl	❐ paint + paint brushes
❐ ping pong ball	❐ pom poms, sequins
❐ rubber bands	❐ magnets (2+)
❐ scissors	❐ sand paper, felt, newspaper (materials for different tracks)
❐ tape (masking tape is best)	❐ foam block
❐ glue	❐ dress up as an engineer!
❐ object for car body - toilet paper roll, paper towel roll, cardboard box	
❐ straws (2)	
❐ axles - dowel rods or skewers	
❐ car wheels - buttons, bottle caps, lego wheels, or car kit wheels	
❐ kitchen sponge to cut up if using bottle cap wheels	

week 4—beyond the sphere: surviving + thriving in space

tuesday, july 28

materials you need:	extra awesome:
❐ rubber bands (multiple)	❐ therabands or extra large rubber bands
❐ tape	❐ drawing tools (markers, crayons)
❐ toy	❐ clay (modeling clay preferred)
❐ string or yarn	❐ dot or circle stickers
❐ tissue paper (large square, multiple sheets preferred)	❐ access to a staircase
❐ scissors	❐ dress up like an astronaut!

thursday, july 30

materials you need:	extra awesome:
❐ aluminum foil	❐ tissue paper
❐ tape	❐ binder clips
❐ corrugated cardboard pieces (two 5 inch squares, one 6 inch squares)	❐ clay (modeling clay preferred)
❐ straw (1)	❐ drawing tools (markers, crayons)
❐ sharpened pencil (1)	❐ string or yarn
❐ rubber bands (multiple)	❐ pipe cleaners or craft wire
❐ ruler	❐ flat washers
❐ scissors	❐ more cardboard pieces
❐ hard candy with hole in the center (e.g. Life Savers) (2)	❐ found objects for an obstacle course
	❐ dress up as an alien!

questions? email groups@nationalchildrensmuseum.org