

ARGUMENT-DRIVEN
INQUIRY™



Texas ADI Learning Hub for Science

3rd Grade

2024

Equipment and Consumables



Equipment	Quantity for Class	Investigation
Physical model of the Earth	6	Do Other Planets Have Eclipses?
Physical model of the Moon	6	Do Other Planets Have Eclipses?
Stands	12	Do Other Planets Have Eclipses?
Clamp-on light fixture	6	Do Other Planets Have Eclipses?
Mini-cart	6	Draft Horses
Track	6	Draft Horses
Pulley connector	12	Draft Horses
Pulley rings	12	Draft Horses
Paperclips	1 box	Draft Horses
Wheels	36	Draft Horses, Electric Toy Car
Washers	60	Draft Horses, Magnetic Attraction
Screwdriver	1	Electric Toy Car
Battery holder	18	Electric Toy Car
Plastic hole plate	6	Electric Toy Car
Electric motor	6	Electric Toy Car
Electric motor holder	6	Electric Toy Car
Metal rods	12	Electric Toy Car
Plastic gear	6	Electric Toy Car
Rubber band	6	Electric Toy Car
Axel holders	24	Electric Toy Car
Screws	96	Electric Toy Car
Stopwatch	6	Electric Toy Car, Mealworm Food Preference
Brown beads	6 bags	Fertile Soil in Raised Gardens
Purple beads	1 bag	Fertile Soil in Raised Gardens
Green beads	1 bag	Fertile Soil in Raised Gardens
Yellow beads	1 bag	Fertile Soil in Raised Gardens
Blue beads	1 bag	Fertile Soil in Raised Gardens
Orange beads	1 bag	Fertile Soil in Raised Gardens
Clamp-on light fixture	6	Keeping Chickens Warm with Light
Black cardboard mailing tube	6	Keeping Chickens Warm with Light
Plastic cardboard mailing tube cap	12	Keeping Chickens Warm with Light
Cloth meter stick	6	Keeping Chickens Warm with Light, State Your Shape, Which Way is Down?, Wrecking Ball
Digital thermometer	6	Keeping Chickens Warm with Light, States of Matter and Mass, Walrus in the Arctic
Magnets	24	Magnetic Attraction
Plastic container	6	Magnetic Attraction
Pennies	6	Magnetic Attraction
Nickel	6	Magnetic Attraction
Steel BBs	24	Magnetic Attraction
Plastic BBs	24	Magnetic Attraction
Tin split shot	24	Magnetic Attraction
Wood block	6	Magnetic Attraction

Acrylic tile	6	Magnetic Attraction
Glass tile	6	Magnetic Attraction
Glass marble	6	Magnetic Attraction, State Your Shape
Lead fishing sinker	6	Magnetic Attraction, State Your Shape, Wrecking Ball
Choice chamber	6	Mealworm Food Preference
Hand lens	6	Mealworm Food Preference
Seymouria card	6	Millions of Years in the Making
Modern amphibian card	6	Millions of Years in the Making
Phytosaur card	6	Millions of Years in the Making
Modern reptile card	6	Millions of Years in the Making
Belemnoid card	6	Millions of Years in the Making
Modern cephalopod card	6	Millions of Years in the Making
Oxydactylus card	6	Millions of Years in the Making
Modern mammal card	6	Millions of Years in the Making
Modern fish card	6	Millions of Years in the Making
Modern bird card	6	Millions of Years in the Making
Calamite card	6	Millions of Years in the Making
Modern fern card	6	Millions of Years in the Making
Lepidodendron card	6	Millions of Years in the Making
Modern club moss card	6	Millions of Years in the Making
Modern conifer card	6	Millions of Years in the Making
Modern flowering plant card	6	Millions of Years in the Making
Cricket life cycle card	6	Patterns of Change in Living Things
Bean life cycle card	6	Patterns of Change in Living Things
Salmon life cycle card	6	Patterns of Change in Living Things
Robin life cycle card	6	Patterns of Change in Living Things
Frog life cycle card	6	Patterns of Change in Living Things
Ladybug life cycle card	6	Patterns of Change in Living Things
Housefly life cycle card	6	Patterns of Change in Living Things
Salamander life cycle card	6	Patterns of Change in Living Things
Lion life cycle card	6	Patterns of Change in Living Things
Dragonfly life cycle card	6	Patterns of Change in Living Things
Monarch butterfly life cycle card	6	Patterns of Change in Living Things
Tomato life cycle card	6	Patterns of Change in Living Things
Chicken life cycle card	6	Patterns of Change in Living Things
Ruler with a groove in the center	6	Pushing a Magnet with a Magnet
Cylindrical magnets	12	Pushing a Magnet with a Magnet
Plastic centimeter cube	6	State Your Shape
100-milliliter graduated cylinder	6	State Your Shape
100-milliliter beaker	6	State Your Shape
Large test tube	6	State Your Shape
Clear plastic cube	6	State Your Shape
Digital scale	6	State Your Shape, States of Matter and Mass
Test tubes with screw cap	18	States of Matter and Mass
Test tube clamp	6	States of Matter and Mass

Hot water bath	1	States of Matter and Mass
Round test tube rack	1	States of Matter and Mass
Test tube stand	24	States of Matter and Mass
64-quart plastic box	1	Unsinkable Signal Buoy
Plastic wading pool	1	Unsinkable Signal Buoy
Toolbox	8	Unsinkable Signal Buoy
Hot glue gun	8	Unsinkable Signal Buoy
Safety box cutter	8	Unsinkable Signal Buoy
Long nose pliers	8	Unsinkable Signal Buoy
Mini hammer	8	Unsinkable Signal Buoy
Philips head screwdriver	8	Unsinkable Signal Buoy
Hobby snipper	8	Unsinkable Signal Buoy
Mini wire cutter	8	Unsinkable Signal Buoy
Cloth meter stick	8	Unsinkable Signal Buoy
2-gallon bucket	6	Walruses in the Arctic
Spatula	1	Walruses in the Arctic
Educational weather station	1	Weather in Different Locations
Inflatable plastic globe	6	Which Way is Down?
Miniature figurines	24	Which Way is Down?
Miniature soccer ball	6	Which Way is Down?
Dry-erase marker	6	Which Way is Down?
Pendulum stand	6	Wrecking Ball
Small wooden block	6	Wrecking Ball

Consumables	Quantity for Class	Investigation
Lightbulb	6	Do Other Planets Have Eclipses?
String	1 roll	Draft Horses
AA batteries	36	Electric Toy Car
Clear plastic cups	30	Fertile Soil in Raised Gardens
100-Watt lightbulb	6	Keeping Chickens Warm with Light
3-inch piece of string	6	Magnetic Attraction
Index card	6	Magnetic Attraction
Aluminum foil	6	Magnetic Attraction
3-inch piece of copper wire	6	Magnetic Attraction
Mealworms	18-30	Mealworm Food Preference
All-purpose flour	4-6 ounces	Mealworm Food Preference
Salt	4-6 ounces	Mealworm Food Preference
Baby powder	4-6 ounces	Mealworm Food Preference
Sodium bicarbonate	4-6 ounces	Mealworm Food Preference
Sugar	6 packets	Mealworm Food Preference
Powdered chalk/antacid	6 tablets	Mealworm Food Preference
Dixie cups/ramekins	24	Mealworm Food Preference

Non-latex gloves	1 box	Mealworm Food Preference
Small scooper	24	Mealworm Food Preference
Sticker sheet for rulers	As needed	Pushing a Magnet with a Magnet
Food coloring	1 set	State Your Shape
Mini chocolate chips	1 container	States of Matter and Mass
Wax pellets	1 container	States of Matter and Mass
Lard	6 test tubes	States of Matter and Mass
300-millimeter by 5-millimeter dowel	16	Unsinkable Signal Buoy
Connector	8	Unsinkable Signal Buoy
Perpendicular blocks	16	Unsinkable Signal Buoy
24-ounce clear plastic bottle with cap	16	Unsinkable Signal Buoy
4-by-5 bags	32	Unsinkable Signal Buoy
2-by-3 bags	16	Unsinkable Signal Buoy
12-by-1 inch foam pipe insulation	24	Unsinkable Signal Buoy
LED lightbulb	16	Unsinkable Signal Buoy
Maker string	1 roll	Unsinkable Signal Buoy
Copper tape	1 roll	Unsinkable Signal Buoy
Coin battery	16	Unsinkable Signal Buoy
10-ounce round wide mouth jar	16	Unsinkable Signal Buoy
Silicone glue	8	Unsinkable Signal Buoy
Hot glue sticks	8	Unsinkable Signal Buoy
Duct tape	1 roll	Walruses in the Arctic
48-ounce can of vegetable shortening	1 can	Walruses in the Arctic
Feathers	1 bag	Walruses in the Arctic
Quart-sized plastic bag	1 box	Walruses in the Arctic
Tape	1 roll	Which Way is Down?
String	1 roll	Wrecking Ball