Description

Discipline

Title

40

41

42

Coin Stacking Battery

Colorful Chromotography

Compound Identification & Key

1	100 Button Countdown	Math	A game where players role dice, add numbers, and pull buttons
2	A Timely Riddle	Math	A fun riddle with numbers
3	Acceleration	Phy Sci	Running experiments with acceleration
4	Add Across 3 by 3	Math	A game where participants draw 3 cards and add them together
5	Air Pressure - Lift a Friend	Phy Sci	Airbag to as a lifter
6	Angle of Reflection	Phy Sci	Measuring the angle of reflection
7	Animal Life Cycles	Life Sci	Observing the life cycle of many animals using a chart and picture cards
8	Animal Scramble	Life Sci	Matching adult animals with baby animal cards
9	Arrow Illusions	Phy Sci	Observe various visual optical illusions
10	Atomic Structure of Atom (Cereal)	Phy Sci	Make an atomic model using Tricks Cereal
11	Baking Soda Balloons	Phy Sci	Observe gas production in a balloon using vinegar and baking soda
12	Balloon Hover Craft	Phy Sci	Force of Ait lifting an object / Friction
13	Balloon into a Flask using Air Pressure	Phy Sci	How Air Pressure can draw a balloon into a flask - relates to weather
14	Balloon Rocket	Phy Sci	Balloon shooting down a string
15	Battling Integers	Math	Game where players draw cards and multiply then together
16	Bernoulli's Principle: Floating Balls	Phy Sci	Floating Ping Pong Balls and other small spheres
17	Best "Guess-Timate"	Math	Draw a line and estimate the number of beans it takes to cover it
18	Big Cheeze	Math	Game: 3 sets of number cards where the player draws a card, largest wins
19	Binary Code GYSTC 5E	Tech	Making a braclet with binary code
20	Blooming Flower	Life Sci	Observe the turgor pressure in paper as petal unfolds in water
21	Blow and Go	Math	Activity of estimating distance an object can be blown using a straw
22	Blue Sky Activity	Earth Sci	Demonstration showing why the sky is blue
23	Boiling Water	Phy Sci	Specific Heat and Boiling Water
24	Bouncing Balls	Phy Sci	Measuring the coefficient of elasticity
25	Bouncing Polymer Balls	Phy Sci	Making a soft ball from white glue, borax power, and corn starch
26	Calculated Story	Math	Fun activity using a calculator to complete a story
27	Calculator Words	Math	Fun activity to complete a list of words
28	Candle in a Jar	Phy Sci	Observe gas expansion and contraction as a result of heat change
29	Car Tag Tangle	Math	Students practive 3-digit multiplication using car tags with 3-digit numbers
30	Change Game	Math	Students subtract card values from a set dollar amount, (\$10.00)
31	Chromatography Flower	Phy Sci	Make a flower using coffee filters and pipe cleaners
32	Chinese Water Dragon Bowl	Sound	Investigate sound produced by vibrations and see nodes and anti-nodes
33	Circumference Sense	Math	Students find round snacks and estimate and calculate their circumference
34	Clay Water Crafts	Phy Sci	Experiment with density of clay in making boats
35	Cleaning Pennies	Phy Sci	Chemical Reactions with vinegar, salt, and copper
36	Clever Compass	Phy Sci	Creating a compass from a magnet and a paper clip
37	Cloud in a Bottle (Pressure)	Phy Sci	Observe condensation of water vapor in air with rapid pressure change
38	Cloud in a Jar - Condensation	Phy Sci	Température Change causing condensation
39	Coefficient of Elasticity	Phy Sci	Bouncing Balls and measuring how high they bounce
	ı		1

Make a battery from coins and coffee filters

Separating certain water color markers, food coloring and coffee filters

Identification of various compounds by using chemical and physical properties

Phy Sci

Phy Sci

Chem

Description

Discipline

Title

	Title	Discipline	Description
43	Convection Currents in a Bottle	Phy Sci	Observe hot and cold water currents between bottles
44	Cooling Sodas	Phy Sci	Comparing the rate of cooling using ice, ice water, and crushed ice
45	Cootie Monster Challenge	Phy Sci	Measure the conservation of mass using a cootie monster parts
46	Cross Out	Math	Students practive four operations using dice and cross out card
47	Dancing Raisins	Phy Sci	Observe a slow reaction producing gas using raisins or moth balls
48	Day and Night Venn Diagram	Phy Sci	A diagram to recognize things seen during the day or night
49	Day & Night Wheel	Phy Sci	K and 1st wheel showing day and night
50	Dazzling Divers	Phy Sci	Demonstrate the affect of gas pressure on a diving bell
51	Density and Sp Gr 9 Layer tower	Phy Sci	Nine different liquids and several solids at different levels
52	Density and Specific Gravity	Phy Sci	Show how different liquids and solids have different specific gravities
53	Density Cups	Phy Sci	Expeiment with density of various materials
54	Diamagnetic Property of Grapes	Phy Sci	Demonstrate how water repels a strong magnetic field
55	Diameter of Atomic BBs	Phy Sci	Détermine the diameter of a BB as one does Atoms and Molécules
56	Alien Pictures to go with key	Life Sci	Fun with keying out an set of alien monsters
57	DNA Extraction : Strawberries	Life Sci	Pulling DNA from Strawberried
58	Drinking Bird - Vapor Pressure	Phy Sci	This shows how temperature and evaporation affect vapor pressure
59	Eensy Weensy Spider	Life Sci	Making an eatible spider using crackers, peanut butter and pretzels
60	Egg Carton Numbers	Math	Match a number in the carton with a number of beans
61	Elephant Toothpaste	Phy Sci	Watching a chemical reaction giving off gas
62	Endothermic Reactions	Phy Sci	Observing and measuring an endothermic reaction using thermometers
63	Equation Quest	Math	Using math operations a playing cards to arrive at a desired result
64	Equilibrium Eagles	Phy Sci	Demonstrating the center of gravity using the shape of an eagle
65	Escape Velocity of a Planet	Phy Sci	Demonstrating the Escape Velocity of a Planet with a balloon and string
66	Family Traits - Heredity of Learned	Life Sci	Determine family traits and determine if heredity or learned
67	Fault Lines Due to Sliding Boundaries	Earth Sci	Demonstration of Fault lines
68	Fire Syringe - Heat of Pressurization	Phy Sci	Demonstrates the Heat of Pressurization
69	Floating Mylar Orbs	Phy Sci	Observe Static Electricity and how it affects Mylar strips
70	Floating Paperclips	Phy Sci	Observe water surface tension and factors that affect it
71	Folding Rocks into Mountains	Earth Sci	Demonstration of mountain formation
72	Forensics Activity - Cookie Bite	Life Sci	Analyze various samples of forensics evidence to determine the guilty
73	Fraction Jack	Math	Students will add card values to get as close to 3 as possible
74	Froot Loops Ratios	Math	Students will separate colors and determine their ratios using tables
75	GlueP	Phy Sci	Making a slime material from white glue and borax power
76	Going Shopping for Toys	Math	Students will shop from a toy list and certain money.
77	Graphite Circuits	Phy Sci	Make various Electric Circuits using a graphite pencil or crayon
78	Guess and Group	Math	Students will draw items, estimate, count, and group in 5s and 10s
79	Guess My Number – Riddles	Math	Students work through a series of clues in solving for a specific number
80	Hammer/Ruler Balancing	Tech	Students will experiment with the center of gravity using a hammer and ruler
81	Harmonic Hangers	Phy Sci	Listen to the pure tone of a hanger suspended with string
82	Homopolar Motor Activity	Phy Sci	Make a homopolar motor from wire, battery, and neodymium magnet
83	Hoop Planes	Engineering	Build and fly a hoop plane observing it flight capabilities
84	Hot Air Balloons	Phy Sci	Observe convection currents and how hot air rises

Title	Discipline	Description

Magic Pumpkins Phy Sci Optical Illusion of Spinning Pumpkin Magnet Falls Through a Metal Tube Phy Sci Magnetic Induction Magnetic Strength Phy Sci Measure of Magnetic Strength Make a Light Bulb Tech electricity running through pencil lead Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell Marshmallow Shooter Phy Sci Make a marshmallow canon Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows Marshmallow Towers Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Students will use playing cards to practice adding and subracting values Melting Blocks Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Nevton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstrate water pressure by punching holes in the side of a bottle	Í			
Island Hand Boiler-Vapor Pressure	85	Humpty Dumpty Together Again	Math	Students take cut shapes from an egg and attempts to make bird shapes
Kaleidoscopes of Kazoos Phy Sci Making a kazoo from a paper tube and wax paper Kinder Straw - air pressure Engineering Push a straw through a potato using air pressure Math Students gain experience with money, shapes, values, and sides Phy Sci Budding a tower with marishnellows and pasta Levitating Globe - Magnetism Phy Sci Demonstrate the mechanical advantage of a lever Leaning Tower of Pasta Phy Sci Budding a tower with marishnellows and pasta Levitating Globe - Magnetism Phy Sci Demonstrate the mechanical advantage of a lever Levitating Pencils Phy Sci Suspend a papercilp using a magnet Levitating Pencils Phy Sci Suspend a papercilp using a magnet Levitating Pencils Phy Sci Make a base where a pencil will be levitated Levitating Pencils Phy Sci Make a base where a pencil will be levitated Light Fourtain Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a base where a pencil will be levitated Light Rivers of Refraction Phy Sci Make a working model of a lung and show how it works Magic Bending Water Phy Sci Observe how static electricity affects a stream of water Magic Pumpkins Phy Sci Observe compaction and friction using rice and a pencil Magic Pumpkin Phy Sci Magnet Falls Through a Metal Tube Magic Pumpkin Phy Sci Magnet Falls Through a Metal Tube Make a Light Bulb Tech elec	86	lodine Clock	Phy Sci	Chemical Reaction that is delayed by Vitamin C and Hydrogen Peroxide
Killer Straw - air pressure Engineering Push a straw through a potato using air pressure Killer Straw - air pressure Math Kildergarten - Money Math Students gain experience with money, shapes, values, and aides Leaning Tower of Pasta Leaning Tower of Pasta Phy Sci Leaver - Machines Phy Sci Diseave - Machines - Machines Phy Sci Magic Banding Water Phy Sci Magic Banding Water Phy Sci Magic Pumpkins Phy Sci Magnetic Strength Machines Magnetic Strength Marshmallow Fun - Air Pressure Phy Sci Machines Marshmallow Fun - Air Pressure Phy Sci Machines Marshmallow Towers Math Students will use playing cards to practice adding and subracting values Math Water Stranger Hunt Math Students will use playing cards to practice adding and subracting values Math Students will use playing cards to practice adding and subracting values Math Math Water Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Math Math Water Scavenger Hunt Mat	87	Island Hand Boiler- Vapor Pressure	Phy Sci	Hand Boiler show how heat causes a liquid to boil
Kindergarten – Money	88	Kaleidoscopes of Kazoos	Phy Sci	Making a kazoo from a paper tube and wax paper
Leaning Tower of Pasta Phy Sci Building a tower with marshmellows and pasta Phy Sci Demonstrate the mechanical advantage of a lever Auchtines Phy Sci Aglobe rotates and levitates in a magnetic field Levitating Globe - Magnetism Phy Sci Aglobe rotates and levitates in a magnetic field Levitating Pencils Phy Sci Ususpend a papercilp using a magnet Levitating Pencils Phy Sci Lught following a fiber optic or a stream of water Light Fountain Phy Sci Light following a fiber optic or a stream of water Light Index of Refraction Phy Sci NoTE - the requesting school must purchase the Liquid Nitrogen on their own! Lung Working Model Biology Make a working model of a lung and show how it works Magic Bending Water Phy Sci Observe how static electricity affects a stream of water Description of Spinning Pumpkin Magic Hanging Bottle Phy Sci Observe how static electricity affects a stream of water Phy Sci Observe compaction and friction using rice and a pencil Magnetic Strength Phy Sci Magnetic Induction Magnetic Strength Phy Sci Magnetic Induction Marshmallow Fun - Air Pressure Phy Sci Magnetic Induction Marshmallow Fun - Air Pressure Phy Sci Massure of Magnetic Strength Make a Light Bulb Ten - Air Pressure Phy Sci Massure of Magnetic Strength Marshmallow Towers Math Marshmallow Towers Math Math Students will make shapes from narrow craft sticks, marshmallows Math Unit Blocks Math Math Wint Cards Math Math Wint Cards Math Math Cards Math Math Cards Math Math Cards Math Math Students will use blocks to observe mathematical operations Math Wint Cards Math Math Cards Water Water Moon Phase - Oreo Moons Earth Sci Winter Winter Water Moon Phase - Oreo Moons Earth Sci Winter Water Moon Phase Activity Earth Sci Winter Water Water Sci Winter Water Sci Winter Water Sci Winter Water Sci Winter Water	89	Killer Straw - air pressure	Engineering	Push a straw through a potato using air pressure
Lever - Machines	90	Kindergarten – Money	Math	Students gain experience with money, shapes, values, and sides
Levitating Globe - Magnetism Phy Sci Levitating Papercilp - magnetism Phy Sci Suspend a papercilp using a magnet Levitating Papercilp - magnetism Phy Sci Suspend a papercilp using a magnet Levitating Papercils Pencils Phy Sci Upht Fountain Phy Sci Light Make a Nare Refraction as light passes through different medium NoTE - the requesting school must purchase the Liquid Nitrogen on their own! Liquid Nitrogen Activities Phy Sci NoTE - the requesting school must purchase the Liquid Nitrogen on their own! Liquid Nitrogen Activities Phy Sci Observe how static electricity affects a stream of water Observe compaction and friction using rice and a pencil Magic Pumpkins Phy Sci Observe how static electricity affects a stream of water Observe compaction and friction using rice and a pencil Magnetic Strength Phy Sci Magnetic Induction Magnetic Strength Phy Sci Magnetic Induction Magnetic Strength Phy Sci Magnetic Induction Magnetic Strength Phy Sci Magnetic Strength Phy Sci Magnetic Strength Phy Sci Mashmallow Shooter Phy Sci Mashmallow Shooter Phy Sci Make a marshmallow swell Marshmallow Towers Math Students will use blocks to observe mathematical operations Students will use blocks to observe mathematical operations Students will use playing cards to practice adding and subracting values Demonstrate that Air has Mass Math Unit Blocks Math Students will use playing cards to practice adding and subracting values Observe Specific Heat of the melting block and the result Melting Blocks Phy Sci Make and observing strong bubbles using glycerine liquid Mono Phase - Oreo Moons Earth Sci Mono Phase Oreo Moons Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mono Phase Oreo Moons Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Moon Phase Pub Red Cluys Phy Sci	91	Leaning Tower of Pasta	Phy Sci	Building a tower with marshmellows and pasta
Levitating Paperolip - magnetism Phy Sci Make a base where a pencil will be levitated	92	Lever - Machines	Phy Sci	Demonstrate the mechanical advantage of a lever
Leyitating Pencils Phy Sci Light Fountain Phy Sci Light following a fiber optic or a stream of water Light Index of Refraction Phy Sci Light Index of Refraction as light passes through different medium Liquid Nitrogen Activities Phy Sci NoTE - the requesting school must purchase the Liquid Nitrogen on their own! Liquid Nitrogen Activities Phy Sci NoTE - the requesting school must purchase the Liquid Nitrogen on their own! Liquid Nitrogen Activities Phy Sci NoTE - the requesting school must purchase the Liquid Nitrogen on their own! Liquid Nitrogen Magic Bending Water Phy Sci Observe how static electricity affects a stream of water Magic Bending Water Phy Sci Observe compaction and friction using rice and a pencil Magic Pumpkins Phy Sci Observe compaction and friction using rice and a pencil Magic Bumpkins Phy Sci Magnetic Induction Magnet Falls Through a Metal Tube Phy Sci Magnetic Induction Magnetic Strength Phy Sci Measure of Magnetic Strength Make a Light Bulb Tech electricity running through pencil lead Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass Math Unit Blocks Math Students will use blocks to observe mathematical operations Math with Cards Math Water Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Mething Blocks Phy Sci Observe Specific Heat of the melting block and the result Methic Scavenger Hunt Math Students will set simate sice and distances of objects Moon Phase - Oreo Moons Earth Sci Noon Phase oreo shapes Moon Phase - Oreo Moons Earth Sci Noon Phase oreo shapes Moon Phase - Oreo Moons Earth Sci Sudents will estimate sice and distances of objects Moon Phase - Oreo Moons Earth Sci Sudents will be stimate sice and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci	93	Levitating Globe - Magnetism	Phy Sci	A globe rotates and levitates in a magnetic field
96 Light Fountain Phy Sci Light Index of Refraction Phy Sci Measuring the Index of Refraction as light passes through different medium 98 Light Index of Refraction Phy Sci Measuring the Index of Refraction as light passes through different medium 99 Light Index of Refraction Phy Sci NOTE: the requesting school must purchase the Liquid Nitrogen on their own! 100 Magic Bending Water Phy Sci Observe how static electricity affects as tream of water 101 Magic Pumpkins Phy Sci Observe compaction and friction using rice and a pencil 102 Magnet Falls Through a Metal Tube Phy Sci Measure of Magnetic Strength 103 Magnetic Strength Phy Sci Measure of Magnetic Strength 104 Mack a Light Bulb Tech electricity running through pencil lead 105 Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell 106 Marshmallow Towers Math Students will use blocks to observe mathematical operations 107 Marshmallow Towers Math Students will use playing cards to practice adding and subracting values 108 Mass of Air in a Ballo	94	Levitating Paperclip - magnetism	Phy Sci	Suspend a paperclip using a magnet
Light Index of Refraction	95	Levitating Pencils	Phy Sci	Make a base where a pencil will be levitated
Liquid Nitrogen Activities	96	Light Fountain	Phy Sci	Light following a fiber optic or a stream of water
Lung Working Model Biology Make a working model of a lung and show how it works Magic Bending Water Phy Sci Observe how static electricity affects a stream of water Magic Hanging Bottle Phy Sci Observe compaction and friction using rice and a pencil Magic Pumpkins Phy Sci Optical Illusion of Spirning Pumpkin Magnet Falls Through a Metal Tube Phy Sci Magnetic Induction Magnetic Strength Phy Sci Magnetic Induction Magnetic Strength Phy Sci Magnetic Induction Magnetic Strength Phy Sci Massure of Magnetic Strength Make a Light Bulb Tech electricity running through pencil lead Marshmallow Fun - Air Pressure Phy Sci Make a marshmallow swell Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows Marshmallow Towers Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Students will use blocks to observe mathematical operations Math With Cards Math Students will use playing cards to practice adding and subracting values Melting Blocks Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Moon Phase - Oreo Moons Earth Sci Moon Phase - Oreo Moons Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Mystery of the Red Cups Phy Sci Dichotomas Key to name funny aliens Mystery of the Red Cups Phy Sci Dichotomas Key to name funny aliens Number Squares Brain Game Math Students water pressure by punching holes in the side of a bottle Demonstrate water pressure by punching holes in the side of a bottle	97	Light Index of Refraction	Phy Sci	Measuring the Index of Refraction as light passes through different medium
99 Magic Bending Water Phy Sci Observe how static electricity affects a stream of water 100 Magic Hanging Bottle Phy Sci Observe compaction and friction using rice and a pencil 101 Magnet Falls Through a Metal Tube Phy Sci Magnetic Induction 103 Magnetic Strength Phy Sci Magnetic Induction 104 Magnetic Strength Phy Sci Measure of Magnetic Strength 105 Marshmallow Enr - Air Pressure Phy Sci See a Marshmallow sendl 106 Marshmallow Fun - Air Pressure Phy Sci Make a marshmallow canon 107 Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows 108 Marshmallow Towers Math Students will use blocks to observe mathematical operations 108 Math Unit Blocks Math Students will use playing cards to practice adding and subracting values 109 Melting Blocks Math Students will use playing cards to practice adding and subracting values 111 Melting Blocks Math Students will estimate sice and distances of objects 112 Metric Scavenger Hu	98	Liquid Nitrogen Activities	Phy Sci	NOTE - the requesting school must purchase the Liquid Nitrogen on their own!
Magic Hanging Bottle		Lung Working Model	Biology	Make a working model of a lung and show how it works
Magic Pumpkins Phy Sci Optical Illusion of Spinning Pumpkin Magnet Falls Through a Metal Tube Phy Sci Magnetic Induction Magnetic Strength Phy Sci Measure of Magnetic Strength Make a Light Bulb Tech electricity running through pencil lead Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell Marshmallow Shooter Phy Sci Make a marshmallow canon Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows Marshmallow Towers Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Students will use playing cards to practice adding and subracting values Melting Blocks Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstrate water pressure by punching holes in the side of a bottle	99	Magic Bending Water	Phy Sci	Observe how static electricity affects a stream of water
102 Magnet Falls Through a Metal Tube Phy Sci Magnetic Induction 103 Magnetic Strength Phy Sci Measure of Magnetic Strength 104 Make a Light Bulb Tech electricity running through pencil lead 105 Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell 106 Marshmallow Shooter Phy Sci Make a marshmallow canon 107 Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows 108 Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass 109 Math Unit Blocks Math Students will use blocks to observe mathematical operations 110 Math With Cards Math Students will use playing cards to practice adding and subracting values 111 Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values 112 Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values 112 Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values 112	100	Magic Hanging Bottle	Phy Sci	Observe compaction and friction using rice and a pencil
Magnetic Strength Phy Sci Measure of Magnetic Strength Make a Light Bulb Tech electricity running through pencil lead Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell Marshmallow Shooter Phy Sci Make a marshmallow canon Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass Math Unit Blocks Math Students will use blocks to observe mathematical operations Math with Cards Math Students will use playing cards to practice adding and subracting values Melting Blocks Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Midhyt Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstrate water pressure by punching holes in the side of a bottle Demonstrate water pressure by punching holes in the side of a bottle	101	Magic Pumpkins	Phy Sci	Optical Illusion of Spinning Pumpkin
Make a Light Bulb Tech electricity running through pencil lead Marshmallow Fun - Air Pressure Phy Sci Make a marshmallow swell Marshmallow Shooter Phy Sci Make a marshmallow canon Marshmallow Towers Math Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass Math Unit Blocks Math Unit Blocks Math Unit Blocks Math Math Students will use blocks to observe mathematical operations Math with Cards Math With Cards Math Melting Blocks Phy Sci Math Students will use playing cards to practice adding and subracting values Melting Blocks Phy Sci Mid-Atlantic Ridge and Active Model Mon Phase - Oreo Moons Earth Sci Mon Phase - Oreo Moons Mon Phase Activity Mon Phase Wheel with cutouts Mystery of the Red Cups Mystery Tube Activity Name that Friendly Alien Newton's String of Beads - Inertia Number Squares Brain Game Math Math Math Math Math Math Math Make a marshmallow swell Make a marshmallow canon Make a marshmallow swell Make a marshmallow surell Make a marshmallow surell Make a marshmallow canon Make a marshmallow swell Make a marshmallow canon Make a marshmallow canon Make a marshmallow canon Make a marshmallow canon Make a marshmallow swell Make a marshmallow canon Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Math Math Math Math Math Math Math	102	Magnet Falls Through a Metal Tube	Phy Sci	Magnetic Induction
Marshmallow Fun - Air Pressure Phy Sci See a Marshmallow swell Marshmallow Shooter Phy Sci Make a marshmallow canon Marshmallow Towers Math Students will make shapes from narrow craft sticks, marshmallows Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass Math Unit Blocks Math Students will use blocks to observe mathematical operations Math with Cards Math Students will use playing cards to practice adding and subracting values Melting Blocks Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Maid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students water pressure by punching holes in the side of a bottle	103	Magnetic Strength	Phy Sci	Measure of Magnetic Strength
Marshmallow Shooter Marshmallow Towers Math Unit Blocks Math Unit Blocks Math With Cards Math With Cards Math Math Students will use blocks to observe mathematical operations Math With Cards Math With Cards Math With Cards Math Math Students will use playing cards to practice adding and subracting values Math With Cards Math Will use playing cards to practice adding and subracting values Description of the melting block and the result Math Students will estimate sice and distances of objects Construct a model of the Mid-Atlantic Ridge showing magnetic floor Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Nuclear Chemistry- Radiodating Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	104	Make a Light Bulb	Tech	electricity running through pencil lead
Marshmallow Towers Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass Math Unit Blocks Math Unit Blocks Math With Cards Math Will use playing cards to practice adding and subracting values Description of the melting block and the result Students will use playing cards to practice adding and subracting values Description of the melting block and the result Students will use playing cards to practice adding and subracting values Description of the melting block and the result Math With Cards Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will use playing cards to practice adding and subracting values Math With Will u	105	Marshmallow Fun - Air Pressure	Phy Sci	See a Marshmallow swell
Mass of Air in a Balloon Phy Sci Demonstrate that Air has Mass Math Unit Blocks Math Unit Blocks Math With Cards Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Metric Scavenger Hunt Math Students will use playing cards to practice adding and subracting values Moth Unit Blocks Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Unit Blocks Math Unit Blocks Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Unit Blocks Math Students will use blocks to observe mathematical operations Math Unit Blocks Math Oritan Fall Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Demonstration of Interia as beads are pulled from a	106	Marshmallow Shooter	Phy Sci	Make a marshmallow canon
Math Unit Blocks Math Students will use blocks to observe mathematical operations Math with Cards Math With Cards Math Students will use playing cards to practice adding and subracting values Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	107	Marshmallow Towers	Math	Students will make shapes from narrow craft sticks, marshmallows
Math with Cards Math with Cards Math Students will use playing cards to practice adding and subracting values Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	108	Mass of Air in a Balloon	Phy Sci	Demonstrate that Air has Mass
Melting Blocks Phy Sci Observe Specific Heat of the melting block and the result Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	109	Math Unit Blocks	Math	Students will use blocks to observe mathematical operations
Metric Scavenger Hunt Math Students will estimate sice and distances of objects Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	110	Math with Cards	Math	Students will use playing cards to practice adding and subracting values
Mid-Atlantic Ridge and Active Model Earth Sci Construct a model of the Mid-Atlantic Ridge showing magnetic floor Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	111	Melting Blocks	Phy Sci	Observe Specific Heat of the melting block and the result
Mighty Glycerine Bubbles Phy Sci Making and observing strong bubbles using glycerine liquid Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	112	Metric Scavenger Hunt	Math	Students will estimate sice and distances of objects
Moon Phase - Oreo Moons Earth Sci Moon Phase oreo shapes Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	113	Mid-Atlantic Ridge and Active Model	Earth Sci	Construct a model of the Mid-Atlantic Ridge showing magnetic floor
Moon Phase Activity Earth Sci Build a ring to show and demonstrate Moon phases Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Demonstrate water pressure by punching holes in the side of a bottle	114	Mighty Glycerine Bubbles	Phy Sci	Making and observing strong bubbles using glycerine liquid
Moon Phase Wheel with cutouts Earth Sci Wheel that shows phases and positions of Moon, Earth and Sun Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Sort Marine Life sheets Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	115	Moon Phase - Oreo Moons	Earth Sci	Moon Phase oreo shapes
Mystery of the Red Cups Phy Sci Using a hydrophilic Powder make the water disappear Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Sort Marine Life sheets Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	116	Moon Phase Activity	Earth Sci	Build a ring to show and demonstrate Moon phases
Mystery Tube Activity Phy Sci Engaging Activity Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Sort Marine Life sheets Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	117	Moon Phase Wheel with cutouts	Earth Sci	Wheel that shows phases and positions of Moon, Earth and Sun
Name that Friendly Alien Life Sci Dichotomas Key to name funny aliens Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts Number Squares Brain Game Math Students solve math puzzles resembling Suduko Ocean Animal Sorting Life Sci Sort Marine Life sheets Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	118	Mystery of the Red Cups	Phy Sci	Using a hydrophilic Powder make the water disappear
121 Newton's String of Beads - Inertia Phy Sci Demonstration of Interia as beads are pulled from a jar 122 Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts 123 Number Squares Brain Game Math Students solve math puzzles resembling Suduko 124 Ocean Animal Sorting Life Sci Sort Marine Life sheets 125 Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	119	Mystery Tube Activity	Phy Sci	Engaging Activity
122 Nuclear Chemistry- Radiodating Phy Sci Activity to radiodate samples give geiger counters with specific counts 123 Number Squares Brain Game Math Students solve math puzzles resembling Suduko 124 Ocean Animal Sorting Life Sci Sort Marine Life sheets 125 Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	120	Name that Friendly Alien	Life Sci	Dichotomas Key to name funny aliens
123 Number Squares Brain Game Math Students solve math puzzles resembling Suduko 124 Ocean Animal Sorting Life Sci Sort Marine Life sheets 125 Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	121	Newton's String of Beads - Inertia	Phy Sci	Demonstration of Interia as beads are pulled from a jar
124 Ocean Animal Sorting Life Sci Sort Marine Life sheets 125 Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	122	Nuclear Chemistry- Radiodating	Phy Sci	Activity to radiodate samples give geiger counters with specific counts
125 Ocean Depth Pressures Earth Sci Demonstrate water pressure by punching holes in the side of a bottle	123	Number Squares Brain Game	Math	Students solve math puzzles resembling Suduko
	124	Ocean Animal Sorting	Life Sci	Sort Marine Life sheets
126 Oobleck Phy Sci Properties of Matter	125	Ocean Depth Pressures	Earth Sci	Demonstrate water pressure by punching holes in the side of a bottle
	126	Oobleck	Phy Sci	Properties of Matter

Description

Discipline

Title

127	Optical Density of Water Beads	Phy Sci	Watching water beades disappear in water
128	Oscillating Oceans	Earth Sci	Observe convection currents using water, food coloring, and ice
129	Palm Pipe Music	Sound	Investigate sound produced in closed pipes and making music with them.
130	Palm Pipe Productions GYSTC 5E	Sound	Experiments with sound and frequency
131	pH of Substances using Cabbage	Phy Sci	Cabbage Dye pH indicator test
132	Physical and Chemical Change	Phy Sci	Conducting a number of activities to determine physical and chemical changes
133	Ping Pong Ball Catapult	Engineering	Ping Pong Catapult
134	Plasma - the 4th State of Matter	Phy Sci	Observe and investigate the 4th State of Matter
135	Plastic Rings Suspended by Static	Phy Sci	Cut rings from Grocery Produce Bag and suspend with Static Electricity
136	Polygon Picasso	Math	Students will use various shapes to create a work of art
137	Popping Bubbles	Phy Sci	Observe the colors of light off the top of a bubble as it prepares to pop
138	Popsicle Stick - Potential Energy	Tech	flying sticks
139	Positively Perimeter	Math	Students will determine the perimeter of objects using units like pretzels
140	Powerful Paper Bridges	Engineering	Students will design and build a paper bridge to hold weights
141	Pulley Experiments	Tech	Experiment with pulleys and weights
142	Puzzling Toothpicks	Math	Students will solve toothpick problems
143	Reflections on Geo-Panes	Math	Students will create 3-dimensional shapes using tooth picks and marshmallows
144	Resonating Tuning Forks	Sound	Resonating Tuning Forks and Fork Horns
145	Robot Hand Challenge	Engineering	Students will design and build a robot hand out of straws, string, and paper cup
146	Rock Cycle	Earth Sci	Make and observe rock cycle using crushed crayons and heat plate
147	Rocket Power GYSTC 5E	Phy Sci	film cannister rocket tubes with vinegar and baking soda
148	Roller Coaster Design	Phy Sci	Design and build a roller coaster using the Engineering Design Model
149	Rolling Soda Can with Static Elect	Phy Sci	Charge a balloon and push a soda can without touching it across a floor
150	Sea Turtle Sort	Life Sci	Key to name sea turtles
151	Shake, Shake	Math	Students shake objects in an egg carton, they estimate the slot they will be in.
152	Shape Art	Art	Students will take basic shapes and create art
153	Skittles Math	Math	Students will count skittles, group them, and chart them
154	Slime	Phy Sci	Make Slime
155	Smoke Ring Cannon - Pressure	Phy Sci	Make smoke rings flow across the room
156	Soggy Diapers	Phy Sci	Observe water absorbtion of various materials
157	Soil Erosion in an Aluminum Pan	Geology	Demonstration of soil erosion
158	Solar Vane - Weight of Light	Light	Using Crookes Radiometer to measure factors of light
159	Sound Lens using CO2 Balloons	Phy Sci	Use gas in balloons to magnify sound
160	Spectroscope - Homemade	Phy Sci	separation of light in to rainbow
161	Speed and Velocity Activity	Phy Sci	activity to measure the velocity and acceleration of balls
162	Speedy Paperclips	Phy Sci	Observe gravity as a set of keys pulls a paperclip through the air
163	Stacking Inertia Dominos	Engineering	See how many dominos you can stack and remove the bottom
164	String Phone Activity	Engineering	Make a string phone and change strings and tensions
165	String Phone Party Line Activity	Engineering	Make a string phone with multiple connections
166	Superhero Coding Game	Tech	
167	Teasing Tangrams	Math	Student will cut out shapes and make certain shapes from them
168	Temperature of Reactions	Phy Sci	Exothermic and Endothermic Reactions
169	Terrible Tsunamis	Earth Sci	Live diaroma of a shoreline and wave action

Discipline

Description

Title

170 Thunder Analysis Activity Earth Sci Predict the direction lightning travels 171 Time Wars Math Students will take playing cards and determine times by adding and subtracting Tornado in a Bottle Earth Sci 172 173 TP Solar System Model Earth Sci Scale model of the solar system using toilet paper square distances 174 Van de Graaff - Fluorescent Bulb Phy Sci the Fluorescent bulb lights up in the static field 175 Van de Graaff - Hair stand up Phy Sci make the participant's hair stand up with static electricity 176 Van de Graaff - Ionic Wind Motor Phy Sci wire wand swings around in an arc above the dome 177 Van de Graaff - Standing Paper Phy Sci paper stands straight up in the ionic wind 178 Van de Graaff - Pie Plates Phy Sci Pie plates fly off one at a time on the dome 179 Van de Graaff - Bouncing Balls Ph<u>y Sci</u> make styrofoam balls bounce in a container with static electricity 180 Van de Graaff - Electroscope Phy Sci Make an electroscope to use with a Van de Graaff Van de Graaff - Franklin Bell bell swings back and forth in static stream 181 Phy Sci Voracious Volcanos Earth Sci Fun with vinegar and baking soda with food coloring 183 Water Bomb Heat Conduction Phy Sci Heat conduction with water in the balloon Earth Sci 184 Water Cycle Demonstrating the water cycle using a heating plate, water, and baggie Water Fountain - Air Pressure Phy Sci Make a fountain of water gushing from a 2-liter bottle 185 186 Weather Instrument - DIY Anemometer Earth Sci Make a working Anemometer - Wind speed Instrument Weather Instrument - DIY Barometer Earth Sci Make a working Barometer to measure air pressure 187 Weather Instrument - DIY Hygrometer Make a working Hygrometer to measure humidity of air 188 Earth Sci 189 Weather Instrument - DIY Rain Gauge Earth Sci Make a working Rain Gauge to measure amount of precipitation Weather Instrument - DIY Thermometer Earth Sci Make a working Thermometer to measure temperature 190 191 Weather Instrument - DIY Wind Vane Earth Sci Make a working wind vane to measure the direction of air flow 192 Whirly Sound Hose Activity Ph<u>y Sci</u> Study of Sound using a whirling coregated tube Creating music usina a séries of 8 bottes witz spécifique Levels of water Xango Bottle Music Art

	1	1	<u> </u>	1
S2P2 a,b,c	S8P2 a,b	S8P3 a.b.c		
SKP2 a	S2P2 c	S4P3 a,c	S8P3 b,c	
S4P1 a b c	S8P4 d g			
SKL2 a	S2L1 a,c	S5L1 a		
SKL2 a	S2L1 a,c	S5L1 a		
S4P1 b	S8P4 d			
S8P1 e	S8 P2 d			
S5P1 c	S8P1 cdf			
SKP2 a	S2P2 c	S4P3 a b c	S8P3 b c	
S4E4 a	S6E4 b,d			
SKP2 a	S2P2 a,b	S4P3 a,b	S8P3 a,b,c	
SKP2 a	S2P2 a,b,c	S4P2 a	S8P3 a,b,c	
S1L1 a b	S2L1 b c			
SKP2 a	S2P2 c	S4P3 a		
S8P4 d,e				
S2P1 c	S3P1 a	S6E4 b	S8P2 c d	
SKP2 a	S2P2 c	S4P3 a b	S8P3 b c	
S5P1 c	S8P1 c d f	0002	00.000	
00. 10	0011001			
SKP2 a	S2P2 c	S4P3 a b	S8P3 b c	
SKF2 a	32F2 C	34F3 a D	305300	
S4E3 a	S5P1 a	S8P1 a,c,d		
S1P1 d	S4P2 a	S8P4 f		
SIFIU	34F2 a	30741		
C0D4 -				
S8P1 c	0000	0.400 - 1	COPO Is a	
SKP2 a	S2P2 c	S4P3 a b	S8P3 b c	
S1P2 a b	S5P3 a b	S8P5 a c		
S4E3 b	S4E4 c	S6E3 b		
S4E3 b	S4E4 c	S6E3 b		
SKP2 a	S2P2 c	S4P3 a b	S8P3 b c	
S5P2 a b	S5P3 a	S8P2 c	S8P5 a c	
S8P1 e	S8P2 d			
S5P1 c	S8P1 c d f			

S2P1 c	S3P1 a	S6E4 b c	S8P2 c d	
S2P1 c	S3P1 a	S6E4 b c	S8P2 c d	
S2P1 b	S8P1 f			
S4E3 a	S5P1 c	S8P1 b d		
SKE1 a				
SKE1 a,b				
S4E4 b	S6E4 d			
S8P1 c				
S8P1 c				
S8P1 c				
S1P2 a b	S5P3 b	S8P5 a		
S8P1 e				
SKP2 a	S2P2 c	S4P3 a	S8P3 b c	
S7L5 c				
S4E3 b	S4E4 c	S6E3 b		
S2P1 b				
S5P1 c	S7L4 b	S8P1 c,d, f		
S2P1 c	S3P1 a	S6E4 b c	S8P2 c d	
S4P3 a	S8P3 b			
S6E1 a,d	S8P5 a			
S5L2a, b				
S6E5 a d f				
S2P1 a,c	S3P1 a	S8P2 b,c,d		
S5P2 a				
S8P1 c				
S6E5 a d f				
SKP2 a	S2P2 c	S4P3 a b	S8P3 b c	
	-			
S5P2 a b	S5P3 a	S8P2 c	S8P5 a c	
551 2 4 5	551 0 u	251 2 0	551 0 4 0	
S4P3a	Sapah			
S4P3a	S8P3b			
C4D2c	COD4c			
S4P2a	S8P4e			
S4P2a	S8P4e			
S4P2a	S8P4e			

			1	
S2P1 c	S6E4 b	S8P2 c, d		
S1P1 d	S4P2 a, b	S8P4 d		
S1P2 a. b	S5P3 b	S8P5 a, c		
011 Z d. 5	001 0 5	001 0 4, 0		
S4P1 c	S8P4 d			
S4P1 c	S8P4 d			
071.0				
S7L2				
S5P2 a				
S1P2 a. b	S5P3 b	S8P5 a, c		
S1P2 a. b	S5P3 b	S8P5 a, c		
S3P1 c	S5P2 b			
S3P1 c	S5P1	SPS5		
S5E1	SES2			
SKE1 b	S2E2 d	S4E2 b	S6E2 a	
SKE1 b	S2E2 d	S4E2 b	S6E2 a	
	1			
	1			
SKD1 a h	98D2 o h	S8P3 a.b.c		
SKP1 a,b	S8P2 a,b	Sors a.D.C		
	+			
	1			
	1			

S1P1 d	S4P2 a, b	S8P4 d		
S1P1 d	S4P2 a, b	S8P4 d		
S5P1 a, b, c				
S2P1 c	S7L4 b	S8P1 c,f	S8P2 c	S8P4 b,c
S1P1 d	S4P2 a, b	S8P4 d		
S4P3	S5P1	S8P3		
SKP2 a	S2P2 a	S4P3 b	S8P2 d	S8P3 a, b
S5P2 a				
0554 -	0055.4			
S5E1 a S1P1 a, b	S6E5 d, e S3P1 a, c	S4P1 a	S8P2 c	S8P4 d
S1P1	S4P2	S8P4	001 2 0	001 4 0
S4P1 c	S8P4 d	00. 1		
S1P1 d	S4P2 a, b	S8P4 d		
S1P1 d	S4P2 a, b	S8P4 d		
S8P1 f				

S4E1 d	S6E1 a, b, c, d		
S5P2 a			
S1E1 a,b,c	S4E4 a,b,c,d	S6E4 b,c,d,e	
S1E1 a,b,c	S4E4 a,b,c,d	S6E4 b,c,d,e	
S1E1 a,b,c	S4E4 a,b,c,d	S6E4 b,c,d,e	
S1E1 a,b,c	S4E4 a,b,c,d	S6E4 b,c,d,e	
S1E1 a,b,c	S4E4 a,b,c,d	S6E4 b,c,d,e	
S1E1 a,b,c	S4E4 a,b,c,d	S6E4 b,c,d,e	
S1P1 d	S4P2 a, b	S8P4 d	
S1P1 d	S4P2 a, b	S8P4 d	