






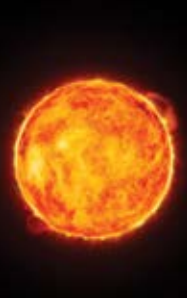










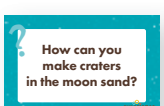









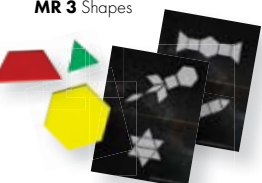

















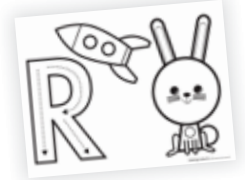















QUICK PEEK: MATERIALS INTRODUCED THIS WEEK

Many games, projects and art supplies are included in the Daily Discovery Bags. Use this chart to see which hands-on materials are featured day-by-day.

		COMMUNITY CHALLENGE	LANGUAGE/LITERACY	MATH AND REASONING	CREATIVE ARTS	MUSIC AND MOVEMENT	STEAM STATIONS <small>SEE MEMBER RESOURCES FOR PRINTABLE POSTERS</small>	RECOMMENDED BOOKS <small>BOOKS ARE NOT INCLUDED, FIND AT LIBRARY</small>	
LESSON 1		STAR Stars are giant balls of gas. White or blue stars are very hot while orange or red stars are cooler. Stars look like they are twinkling in the sky because of the atmosphere's distortion of our line of sight.	Catching Stars SED 1 Self-Awareness 	Space Nametags ★ LLD 7 Writing 	Constellation Designs MR 2 Spatial Awareness 	Star Headband CA 3 Visual Arts 	Twinkle, Twinkle, Little Star CA 2 Dance & Movement 	Constellation Design SCI 4 Technology 	Zoo in the Sky LLD 6 Reading Comprehension 
LESSON 2		SUN The sun is a star. All planets rotate around the sun. You shouldn't look at the sun because its light can hurt your eyes.	Spin Around the Sun SED 4 Social Relationships 	S Is for Sun & Stars LLD 4 Alphabetic Knowledge 	Small, Medium & Large MR 4 Measurement 	Sun Colors ★ CA 3 Visual Arts 	93 Million Miles CA 2 Dance & Movement 	Around the Sun SCI 2 Natural & Earth Science 	Sun Bread LLD 6 Reading Comprehension 
LESSON 3		MOON The moon is very old. It can be seen in the sky as a full circle or in slices. The moon has craters from asteroids hitting it. Humans have landed on the moon.	Hey, Diddle, Diddle ★ LLD 1 Listening 	Moon Journal LLD 7 Writing 	Counting Moon Rocks MR 1 Number Sense 	Moon Rocks SCI 3 Physical Science 	The Moon Rocks CA 1 Music 	Moon Sand SCI 2 Natural & Earth Science 	Kitten's First Full Moon LLD 6 Reading Comprehension 
LESSON 4		ASTRONOMER Astronomers are people who study the moon, stars and planets. They use tools such as telescopes, cameras and computers to see what is in space.	I Spy in the Sky SED 4 Social Relationships 	Sleeping Stars LLD 3 Phonological Awareness 	Star Search ★ MR 1 Number Sense 	Telescope PD 2 Fine Motor 	Galaxy Gazing CA 2 Dance & Movement 	Looking Far SCI 4 Technology 	The Big Dipper LLD 6 Reading Comprehension 
LESSON 5		COMET Comets are big balls of ice mixed with dust and rock. They are sometimes referred to as "dirty snowballs." Comets have a tail and we can see them flying in the sky.	Follow the Comet CA 4 Drama 	Comets in Space LLD 2 Communication 	Building Comets & Stars MR 3 Shapes 	Toss the Comet ★ PD 1 Gross Motor 	Comet Dance PD 1 Gross Motor 	Planetarium SCI 4 Technology 	Mae Among the Stars LLD 6 Reading Comprehension 


















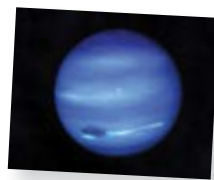



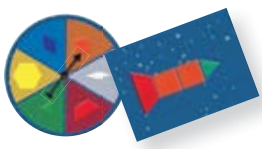





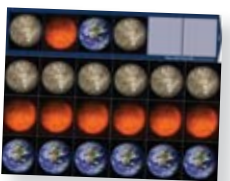



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LESSON 6		EARTH Earth is the third planet from the sun. It is special because it is the only planet with known life. Earth is mostly made up of ocean water.	Enough For All SED 4 Social Relationships	3rd Planet from the Sun ★ MR 1 Number Sense 	Orbit R LLD 4 Alphabetic Knowledge	Earth Collage CA 3 Visual Arts 	Spinning Earth CA 2 Dance & Movement 	Earth Jars SCI 2 Natural & Earth Science 	Up In Space LLD 6 Reading Comprehension 
LESSON 7		MERCURY Mercury is the closest planet to the sun. It can be extremely hot or cold. Mercury is rocky and has many craters. It orbits around the sun quickly. Mercury has no moons.	Hot Mercury SED 4 Social Relationships	Look Up ★ LLD 4 Alphabetic Knowledge 	Hot & Cold Shapes MR 3 Shapes	Hot & Cold Mercury SCI 2 Natural & Earth Science 	Craters on Mercury PD 1 Gross Motor	Stringing Planets SCI 1 Investigation & Inquiry 	ABCs of Space LLD 6 Reading Comprehension 
LESSON 8		MARS Mars is known as the "Red Planet." It has rocks and red dust. Mars can get very cold. It has craters, mountains and volcanoes.	Red Dust SED 4 Social Relationships	R Is for Red LLD 3 Phonological Awareness 	Trip to Mars ★ SED 4 Social Relationships 	Mars MR 3 Visual Arts 	Red Mars CA 2 Dance & Movement	Foam Sand SCI 2 Natural & Earth Science 	Life on Mars LLD 6 Reading Comprehension 
LESSON 9		VENUS Venus is extremely hot because it is close to the sun. It has no moons and is almost the same size as Earth. Venus is covered in thick clouds and is an orangish color.	Water Challenge SS 1 Culture & Community	Solar System Moves ★ LLD 1 Listening 	Space Puzzle MR 2 Spatial Awareness 	Venus CA 3 Visual Arts 	Walking on Venus SED 4 Social Relationships	Reflecting Light SCI 4 Technology 	Moustronaut LLD 6 Reading Comprehension 
LESSON 10		PLUTO Pluto was once considered a planet, but because of its small size, it is now a dwarf planet. It is made up of rock and ice. Pluto is the farthest celestial body from the sun. You would feel very light on Pluto.	Dear Pluto SED 2 Self-Regulation	Icy Letters LLD 7 Writing	Space Lotto ★ SED 4 Social Relationships 	Rock Planet Shaker CA 1 Music 	Little Pluto CA 2 Dance & Movement	Spaceship Building SCI 1 Investigation & Inquiry 	The Girl Who Named Pluto LLD 6 Reading Comprehension 




























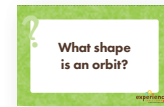
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LESSON 11		JUPITER Jupiter is the biggest planet in our solar system. Jupiter is a gas giant with faint rings around it. It is known for the Great Red Spot, which is a storm that is always present on its surface. It has 67 moons, the most of all of the planets.	Jupiter Is Very Big SED 1 Self-Awareness	Rock Letters ★ LLD 7 Writing 	Guess the Planet SED 3 Attention & Persistence 	Jupiter Stripes CA 3 Visual Arts 	Spinning Storms CA 2 Dance & Movement 	Jupiter Mountains SCI 2 Natural & Earth Science 	Papa, Please Get the Moon for Me LLD 6 Reading Comprehension 
LESSON 12		URANUS Uranus is a cold and windy ice giant. It has 27 moons. Uranus is a light bluish-green color and has rings. It would take many years to reach Uranus.	Responsible Friends SED 4 Social Relationships 	Planet Word Builders ★ LLD 4 Alphabetic Knowledge 	Counting in Space MR 1 Number Sense 	Uranus Swirl PD 2 Fine Motor 	Moving in Space CA 2 Dance & Movement	Uranus Ice SCI 4 Technology 	Pete the Cat: Out of This World LLD 6 Reading Comprehension 
LESSON 13		NEPTUNE Neptune is an ice giant with swirling storms. It has 14 moons and 6 rings. This planet is blue.	Rings Around a Friend SED 4 Social Relationships	Magic Number 14 MR 1 Number Sense 	S Is for Space LLD 4 Alphabetic Knowledge 	Swirling Neptune ★ CA 3 Visual Arts 	Space Encounter PD 1 Gross Motor	Stitching a Planet SCI 1 Investigation & Inquiry 	There's No Place Like Space! LLD 6 Reading Comprehension 
LESSON 14		SATURN Saturn is a gas giant. It is known for its many rings made of rock and ice.	Ice & Rock SED 1 Self-Awareness	Listen & Draw LLD 1 Listening	Rocket Ship to Saturn ★ SED 3 Attention & Persistence 	Wrapping Saturn PD 2 Fine Motor 	Saturn Swirl PD 1 Gross Motor	Spinning in Space SCI 4 Technology 	Little Kids First Big Book of Space LLD 6 Reading Comprehension 
LESSON 15		GALAXIES A galaxy is a cluster of billions of stars. We live in the galaxy called the Milky Way. The Milky Way cluster can be seen in the sky on very dark nights.	Family Galaxy SS 1 Culture & Community 	Galaxy of Letters ★ LLD 7 Writing	Planet Patterns MR 5 Patterns 	Galaxy Sparkle SED 1 Self-Awareness 	Galaxy Groove CA 1 Music	Milk Way Spray SCI 2 Natural & Earth Science 	Stargazing LLD 6 Reading Comprehension 

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LESSON 16		ASTRONAUT An astronaut is a person who travels into space. Most of them know how to fly a spaceship. They wear safety spacesuits to breathe. Astronauts exercise at least once a day while in space to keep their bodies strong.	Astronaut Fitness PD 1 Gross Motor 	Shiny Letter Z LLD 4 Alphabetic Knowledge 	Astronaut Voting ★ SS 2 Civics & Economics 	Astronaut Puppet CA 4 Drama 	Spider in Space CA 1 Music 	Space Animals MR 7 Logic & Reasoning 	If You Decide to Go to the Moon LLD 6 Reading Comprehension 
LESSON 17		GRAVITY Gravity is the force that pulls objects down. In space there is little to no gravity.	Move Like an Astronaut SED 3 Attention & Persistence	Landing on Letters LLD 4 Alphabetic Knowledge 	Floating Numbers MR 1 Number Sense 	My Postcard LLD 7 Writing 	Gravity Pulls Me Down CA 2 Dance & Movement	Gravity Drop ★ SCI 1 Investigation & Inquiry 	Gravity Is a Mystery LLD 6 Reading Comprehension 
LESSON 18		SPACE FOOD Space food is pre-cooked or dehydrated foods, such as fruit, powdered drinks or even ice cream. It can be wet or dry. The food is kept in special plastic bags.	Tasty Treat SED 4 Social Relationships	Space Smoothie ★ PD 5 Nutrition	Sorting Space Food MR 6 Classification	Bag Food PD 5 Nutrition 	Astronaut Picnic LLD 1 Listening	Space Food Bag SCI 1 Investigation & Inquiry 	Dogs in Space LLD 6 Reading Comprehension 
LESSON 19		ROCKET SHIP Rocket ships are made to fly into space. They are fast and have many different names.	Countdown With Friends SED 4 Social Relationships	Name My Rocket Ship LLD 7 Writing 	Roll a Rocket Ship MR 2 Spatial Awareness 	Rocket Ship Twirler PD 2 Fine Motor 	Blast Off! PD 1 Gross Motor	Galaxy Goo ★ SCI 1 Investigation & Inquiry 	Curious George and the Rocket LLD 6 Reading Comprehension 
LESSON 20		OBSERVATORY An observatory is a place where you can see things in outer space. It has tools, such as large telescopes, that can view objects very far away.	Community Planet SED 1 Self-Awareness	I Discovered This Planet! LLD 7 Writing 	Making New Planets MR 4 Measurement	My Portfolio SS 4 History & Sense of Time 	Star Chase CA 1 Music	Swinging Planets ★ SCI 3 Physical Science 	Goodnight, Moon LLD 6 Reading Comprehension 