

Gee Whiz Complete Outline

Two units (noted in each box) are provided via the Gee Whiz website (www.geewhizeducation.com) each month on a set schedule. New units are posted on the 20th of the month prior to use and then removed after 45 days.

<p>Learning about Me</p> <ul style="list-style-type: none"> • My Name • My Family • My Feelings • Things I Can Do • Things I Want to Learn How to Do • My Uniqueness • Opposites: Easy/Difficult • Character Education Focus: Kindness • STEM: The Science of Uniqueness <p>Amazing Art</p> <ul style="list-style-type: none"> • I Can Be an Artist • Types of Art • Tools Used for Creating Art • Famous Artists • Art in Unusual Ways • Opposites: Black/White • Character Education Focus: Kindness • STEM: Making Colors 	<p>Taking Care of Me</p> <ul style="list-style-type: none"> • Taking Care of My Body • Eating Healthy Foods • Getting Plenty of Rest • The Importance of Rules • People Who Help Me Stay Safe • Safety at Home & When Out & About • Fire Fighters & Police Officers • Opposites: Clean/Dirty • Character Education Focus: Responsibility • STEM: Inventions that Keep Us Safe <p>Wonderful Nature</p> <ul style="list-style-type: none"> • Using My Senses to Explore • Leaves, Trees, Bushes & Shrubs • Changes in My World • Streams, Rivers & Lakes • Turtles, Fish & Frogs • Taking Care of the Environment • Opposites: Same/Different • Character Education Focus: Responsibility • STEM: Habitats 	<p>Move It!</p> <ul style="list-style-type: none"> • Different Ways My Body Can Move • Exercising to Keep Me Strong • Moving While Playing Games • Wheels Make Things Move • I Can Make Things Move • Opposites: Moving/Still • Character Education Focus: Respect • STEM: How Things Move <p>Let's Travel</p> <ul style="list-style-type: none"> • Going on a Trip • Tools Used When Traveling (e.g., suitcases, backpacks, maps, GPS, etc.) • Places to Visit • Airplanes, Trains & Buses • Cars & Trucks • Walking & Biking • Opposites: Near/Far • Character Education Focus: Respect • STEM: Maps & Globes
<p>A Beary Fun Unit</p> <ul style="list-style-type: none"> • All about Bears • Hibernation • "Goldilocks & the Three Bears" • Real vs. Pretend Bears • Where do Bears Live? • Teddy Bear Tea Party • Opposites: Asleep/Awake • Character Education Focus: Honesty • STEM: Hibernation <p>My Colorful World</p> <ul style="list-style-type: none"> • Primary & Secondary Colors • Making New Colors • Colors in Nature/Rainbows • Colors & Feelings • Colorful Foods Are Healthy Foods • Opposites: Happy/Sad • Character Education Focus: Honesty • STEM: Mixing Colors 	<p>Dinosaurs, Dinosaurs</p> <ul style="list-style-type: none"> • Prehistoric Times • Types of Dinosaurs • What Are Fossils? • Volcanos • Opposites: Old/New • Character Education Focus: Kindness • STEM: Learning from the Past (Archeology) <p>Count with Me</p> <ul style="list-style-type: none"> • Counting Forward, Counting Backward • What Are Numerals? • Using Numerals • Making Sets & Taking them Apart • How Do People Use Math Every Day? • Using Math When Cooking • Opposites: Most/Least • Character Education Focus: Kindness • STEM: How Do People Use Math? 	<p>Fun with Fabric</p> <ul style="list-style-type: none"> • What is Fabric? • People Who Work with Fabric • Clothing is Made from Fabric • Many Other Things Are Made from Fabric • Patterns, Textures & Colors • Opposites: Open/Closed • Character Education Focus: Responsibility • STEM: How Is Clothing Made? <p>My Community</p> <ul style="list-style-type: none"> • Places I Visit in My Community • People Who Work in My Community • Taking Care of My Community • Helping Others • Celebrating My Community • Opposites: In/Out • Character Education Focus: Responsibility • STEM: Technology Used In Stores

<p>Out in Space</p> <ul style="list-style-type: none"> • The Sun and the Moon • What is Outer Space? • Meteors, Planets & Comets • Traveling to Outer Space • Astronauts & the Tools They Use • Opposites: Dark/Light • Character Education Focus: Respect • STEM: Astronomy <p>Learning about Letters</p> <ul style="list-style-type: none"> • What Are Letters? • What Are Words? • Languages People Speak • Tools for Writing • Exploring Printed Materials • Opposites: Front/Back • Character Education Focus: Respect • STEM: Printing Materials 	<p>Changes are Happening</p> <ul style="list-style-type: none"> • How Am I Changing? • Seasons Change • Growing Up—People & Animals • Sequencing • Opposites: First/Last • Character Education Focus: Honesty • STEM: Metamorphoses (tadpole to frog, caterpillar to butterfly) <p>Fairy Tales & Fables</p> <ul style="list-style-type: none"> • Fairy Tales & Fables • Parts of a Story • Different Ways to Tell a Story • Puppets & Props • Cameras & Digital Recorders • Sequencing Events • Opposites: Real/Make-Believe • Character Education Focus: Honesty • STEM: Technology Used in Storytelling (e.g., video, audio, etc.) 	<p>Bugs, Insects & Spiders</p> <ul style="list-style-type: none"> • Insects & Spiders • Where Do Insects & Spiders Live? • Safety Around Insects & Spiders • What Do Insects & Spiders Eat? • Opposites: Big/Little • Character Education Focus: Kindness • STEM: Why Are Insects & Spiders Important to Our World? <p>Let's Plant a Garden</p> <ul style="list-style-type: none"> • Planting a Garden • Tools Used When Gardening • Flowers, Trees & Shrubs • Seeds & Bulbs • What Do Plants Need to Grow? • Foods We Can Grow • Opposites: Wet/Dry • Character Education Focus: Kindness • STEM: Environmental Awareness
<p>Off to the Beach</p> <ul style="list-style-type: none"> • What Are Waves? • Sand and Shells • Ocean Animals Found on the Beach • Ocean Animals Found in the Water • Water Safety • Ships & Boats • Opposites: Rough/Smooth • Character Education Focus: Responsibility • STEM: Waves & Tides <p>Water, Water, Water</p> <ul style="list-style-type: none"> • Sources of Water • What Sinks? What Floats? • How Do People Use Water? • Tools that Hold and/or Move Water • Conserving Water • Making Bubbles • Opposites: Sink/Float • Character Education Focus: Responsibility • STEM: Exploring Volume 	<p>A Camping Adventure</p> <ul style="list-style-type: none"> • Camping Equipment • Where Do People Go Camping? • Camping Safety • Forest Animals & Plants • Fishing, Hiking & Picnicking • Opposites: Cold/Hot • Character Education Focus: Respect • STEM: Constructing an Outdoor Structure <p>I Can Be a Scientist</p> <ul style="list-style-type: none"> • Experimenting • Making & Testing Predictions • Cause & Effect • Physical Science - Ramps • Chemical Science - Mixtures/ Cooking • Biological Science - What is Alive? • Earth Science - Rocks • Opposites: Before/After • Character Education Focus: Respect • STEM: Different Areas of Science 	<p>Fun at the Fair</p> <ul style="list-style-type: none"> • County & State Fairs • Farm Animals • Homemade Crafts • Things to See at the Fair • Music at the Fair • Opposites: Day/Night • Character Education Focus: Honesty • STEM: Motors & Gears (fair rides) <p>Let's Be Friends</p> <ul style="list-style-type: none"> • New School Year...New Friends • Being a Good Friend • Our Uniqueness • Friends Where I Live • "Back to School" Tools • Opposites: Start/Finish • Character Education Focus: Honesty • STEM: Graphing to Compare

<p>My Family. Your Family.</p> <ul style="list-style-type: none"> • My Family is Special • Feelings • Caring for Others • Different Types of Homes • Rooms in a Home • What Is Extended Family? • Opposites: Many/Few • Character Education Focus: Respect • STEM: Inherited Characteristics <p>Making Music</p> <ul style="list-style-type: none"> • I Can Make Music • Musical Instruments • Different Styles of Music • Different Types of Dance • Moving My Body (body parts) • Exercise • Opposites: Fast/Slow • Character Education Focus: Respect • STEM: How Does Sound Travel? 	<p>Exploring My Community</p> <ul style="list-style-type: none"> • Community Helpers • Getting Around My Community • Rules in My Community • Taking Care of My Community • Places to Visit in My Community • Helping Others • Opposites: Safe/Not Safe • Character Education Focus: Responsibility • STEM: Fire Safety <p>Colors, Colors</p> <ul style="list-style-type: none"> • Primary & Secondary Colors • Black & White • Natural Colors • Colorful, Healthy Foods • Creating with Color • Shades & Tints • Opposites: Light/Dark • Character Education Focus: Responsibility • STEM: Experimenting with Color 	<p>1, 2, 3 ... Count with Me</p> <ul style="list-style-type: none"> • "Goldilocks & the Three Bears" • "The Three Billy Goats Gruff" • "The Three Little Pigs" • Triangles • Counting & Numerals • Opposites: More/Less • Character Education Focus: Honesty • STEM: Exploring Math <p>Exploring Shapes</p> <ul style="list-style-type: none"> • Basic Shapes • 3-Dimensional Shapes • Creating Art with Shapes • Building with Shapes • Natural Shapes • Patterns & Symmetry • Opposites: Straight/Curved • Character Education Focus: Honesty • STEM: 2-Dimensional vs. 3-Dimensional Shapes
<p>Nursery Rhyme Fun</p> <ul style="list-style-type: none"> • Favorite Nursery Rhymes • Rhyming Words • Making Up Rhymes • Letters of the Alphabet • Word Patterns • Songs - Rhymes with Music • Opposites: Same/Different • Character Education Focus: Kindness • STEM: How Do Our Ears Work? <p>Make & Create</p> <ul style="list-style-type: none"> • Painting & Drawing • Different Types of Play Clay • Famous Artists • Photography • Feelings • Opposites: Give/Receive • Character Education Focus: Kindness • STEM: How Does a Camera Work? 	<p>So Many Opposites</p> <ul style="list-style-type: none"> • Action Opposites • Descriptive Opposites • Positional Concepts • Games with Opposites • Opposites: Many different ones! • Character Education Focus: Respect • STEM: Direction (North/South/ East/West) <p>What Flies?</p> <ul style="list-style-type: none"> • Animals that Fly • Machines that Fly • Feeding the Birds • Clouds and Weather • Sun and Moon • Opposites: High/Low • Character Education Focus: Respect • STEM: Making Things Fly 	<p>In the Rainforest</p> <ul style="list-style-type: none"> • What is a Rainforest? • Animals that Live in the Rainforest • Plants that Live in the Rainforest • Insects that Live in the Rainforest • Traveling to the Rainforest • Saving the Rainforest • Opposites: Short/Tall • Character Education Focus: Responsibility • STEM: Ecology of the Rainforest <p>Getting Around</p> <ul style="list-style-type: none"> • Cars, Trucks, Buses • Subways & Trains • Walking • Bikes, Trikes & Other Riding Toys • Tools Used When Traveling • Opposites: Near/Far • Character Education Focus: Responsibility • STEM: Reading a Map

<p>Dandy Dinosaurs</p> <ul style="list-style-type: none"> • Dinosaurs Lived Long Ago • Dinosaur Bones & Fossils • Different Types of Dinosaurs • Archeologists & Paleontologists • Tools Used for Digging • Opposites: Old/New • Character Education Focus: Respect • STEM: Paleontology <p>It's Windy!</p> <ul style="list-style-type: none"> • What is Wind? • Kites & Windsocks • Gliding on the Wind • Wind Moves Things • Using the Wind • Opposites: Hard/Soft • Character Education Focus: Respect • STEM: Wind Power 	<p>Fun on the Farm</p> <ul style="list-style-type: none"> • Barns & Silos • Fields & Crops • Growing Healthy Foods • Animals that Live on the Farm • Farm Equipment & Tools • Opposites: Asleep/Awake • Character Education Focus: Responsibility • STEM: Caring for Animals <p>Growing Up</p> <ul style="list-style-type: none"> • When I Was a Baby... • Growing Up • Kittens & Puppies • Mamas Care for Their Babies • What Hatches from an Egg? • Matching Mamas to Babies • Opposites: New/Old • Character Education Focus: Responsibility • STEM: Growth & Change 	<p>In the Pond</p> <ul style="list-style-type: none"> • Frogs, Tadpoles & Turtles • Fish • Plants Found in the Pond • Insects that Live Near the Pond • Ripples and Rocks • Opposites: Wet/Dry • Character Education Focus: Kindness • STEM: Keeping Water Clean <p>Backyard Explorers</p> <ul style="list-style-type: none"> • Plants & Flowers • Bugs, Insects & Spiders • Grass • Toys to Play with Outside • Safety in the Backyard • Planting a Garden • Opposites: Inside/Outside • Character Education Focus: Kindness • STEM: Importance of Bees
<p>Sand, Sun & Fun</p> <ul style="list-style-type: none"> • Pirates and Pirate Ships • Treasure • Sand & Shells • Islands, Beaches and Oceans • Sun Safety • Opposites: Sink/Float • Character Education Focus: Honesty • STEM: Sink & Float <p>Balls, Blankets & Boxes</p> <ul style="list-style-type: none"> • Different Types of Boxes • Building with Boxes & Blankets • Packages Come in Boxes • Different Types of Balls • Working Together • Opposites: In/Out • Character Education Focus: Honesty • STEM: Speed & Velocity 	<p>Going on a Picnic</p> <ul style="list-style-type: none"> • Picnic Foods • Things to Take on a Picnic • Picnic Places • Eating Healthy Foods • Picnic Games • Opposites: Cold/Hot • Character Education Focus: Respect • STEM: Constructing an Outdoor Structure <p>Storytime Fun</p> <ul style="list-style-type: none"> • Dressing Up • Favorites Stories • Fairy Tales & Fables • Storytelling Props • Theater • Opposites: Real/Make-Believe • Character Education Focus: Respect • STEM: Using Technology to Tell Stories 	<p>I Am Strong</p> <ul style="list-style-type: none"> • What Are Muscles? • Exercise • Keeping Our Hearts Healthy • Coordination & Balance • Games that Get Us Moving • Opposites: Go/Stop • Character Education Focus: Kindness • STEM: Muscles & Bones <p>Friendship Fun</p> <ul style="list-style-type: none"> • What is a Friend? • Being a Good Friend • Making New Friends • Playing with Friends • Our Friends are Diverse • Opposites: Happy/Sad • Character Education Focus: Kindness • STEM: Our Diversity

<p>Fun with the Five Senses</p> <ul style="list-style-type: none"> • What are My Senses? • Sight and Sound • Touching to Learn • Tasting - What Is Safe to Taste? • Smells - Good and Bad • Sensory Body Parts • Opposites: Hot/Cold • Character Education Focus: Kindness • STEM: Using Senses to Learn <p>Healthy & Strong</p> <ul style="list-style-type: none"> • Eating Healthy Foods • Getting Plenty of Rest • Why is Exercise Important? • Feelings & Emotional Wellness • Healthy Teeth Are Happy Teeth • Doctors & Nurses Keep Me Healthy • Police Officers & Firefighters Keep Me Safe • Opposites: Safe/Dangerous • Character Education Focus: Respect • STEM: Stress and the Body 	<p>Harvest Time is Here!</p> <ul style="list-style-type: none"> • What Foods Are Harvested? • Farm Tools & Equipment • Tractors & Wagons • What Grains Are Harvested? • Baskets and Boxes • Packing and Shipping Foods • Farmer's Market Fun • Opposites: Fresh/Stale • Character Education Focus: Responsibility • STEM: Keeping Foods Fresh <p>Kitchen Kaboodle</p> <ul style="list-style-type: none"> • Kitchen Appliances and How They Work • Kitchen Tools • Baking and Cooking • Washing and Cleaning Up • Fresh, Packaged and Frozen Foods • Safety in the Kitchen • Opposites: Clean/Dirty • Character Education Focus: Kindness • STEM: Keeping Foods Fresh 	<p>Fun with Colors & Shapes</p> <ul style="list-style-type: none"> • Primary & Secondary Colors • Mixing and Creating New Colors • 2-Dimensional Shapes • 3-Dimensional Shapes • Exploring Colors in Nature • How Do Artists Use Color? • Opposites: Black/White • Character Education Focus: Honesty • STEM: Mixing Colors <p>Pretty Patterns</p> <ul style="list-style-type: none"> • What is a Pattern? • Types of Patterns • Polka Dots and Stripes • Animals That Have Patterns on Their Bodies • Patterns on Fabrics • Musical Patterns • Patterns in Words (advanced) • Opposites: First/Last • Character Education Focus: Respect • STEM: Animals & Camouflage
<p>Number Fun</p> <ul style="list-style-type: none"> • What Are Numerals? • Counting & Ordination • Numerals in Our World • How Do Adults Use Numerals? • Graphing • Matching Numerals to Sets • Opposites: Few/Many • Character Education Focus: Honesty • STEM: Gathering Data <p>We Love Music!</p> <ul style="list-style-type: none"> • Musical Instruments • Different Types of Music • Tempo & Rhythm • Music & Dance around the World • Expressing Feelings through Music & Dance • Opposites: Fast/Slow • Character Education Focus: Kindness • STEM: How Do Instruments Work? 	<p>What Should I Wear?</p> <ul style="list-style-type: none"> • Clothes I Wear • Clothes Workers Wear • Types of Clothing • Choosing Clothing to Match the Weather • Buttons, Snaps, Zippers • Caring for Clothing • Places People Buy Clothing & Shoes • Opposites: On/Off • Character Education: Responsibility • STEM: How Do Fasteners Work? <p>Cups, Plates & Spoons</p> <ul style="list-style-type: none"> • Types and Sizes of Cups & Plates • What is Volume? • Foods You Eat with a Spoon or on a Plate • Using Cups and Spoons in New Ways • Special Cups and Spoons (for cooking) • Opposites: Curved/Straight • Character Education Focus: Honesty • STEM: Why Are Spoons Important? 	<p>Build It!</p> <ul style="list-style-type: none"> • People Who Build Things • Machines and Tools Used for Building • Building Materials • Types of Buildings • Safety When Building • Opposites: Hard/Soft • Character Education Focus: Responsibility • STEM: Building a Strong Foundation <p>All About the ABCs</p> <ul style="list-style-type: none"> • Learning about Letters & Words • Letters & Words in Our World • Places You Can Find Letters & Words • Exploring Writing Tools • Different Languages • Why Do People Read & Write? • Opposites: Many/Few • Character Education Focus: Respect • STEM: Learning about Printing

<p>My Hands. My Feet.</p> <ul style="list-style-type: none"> • What Can My Hands Do? • What Can My Feet Do? • Counting Fingers & Toes • Do Animals Have Hands & Feet? • Tools for Helping People with Mobility Challenges • Opposites: Hold/Release • Character Education Focus: Responsibility • STEM: Solving Mobility Challenges <p>Make a Mess</p> <ul style="list-style-type: none"> • Art Can Be Messy • Dirt + Water = Mud • Messy Jobs • Washing Hands • Cleaning Up • Messy Foods • Opposites: Wet/Dry • Character Education Focus: Honesty • STEM: Tools & Techniques for Cleaning Up 	<p>Over It. Under It.</p> <ul style="list-style-type: none"> • Traveling Over, Under & Through • Bridges • Tunnels • Obstacle Courses • Opposites: Over/Under • Character Education Focus: Kindness • STEM: Building Bridges & Tunnels <p>Purrfect Pets</p> <ul style="list-style-type: none"> • What is a Pet? • Why Do People Have Pets? • Veterinarians Take Care of Pets • Cats & Dogs • Rabbits, Guinea Pigs, Hamsters & Mice • Caring for Pets • Opposites: Asleep/Awake • Character Education Focus: Responsibility • STEM: Caring for Living Things 	<p>Climbing Up & Down</p> <ul style="list-style-type: none"> • Safe Climbing Places • What Body Parts Do You Use When Climbing? • Animals That Climb • Jobs That Involve Climbing • Ladders Are Used for Climbing • Opposites: High/Low • Character Education Focus: Respect • STEM: The Law of Gravity <p>Flying Fun</p> <ul style="list-style-type: none"> • Animals That Fly • Insects That Fly • Machines That Fly • If I Could Fly... • Making Things That Fly • Games That Involve Making Things Fly • Opposites: Up/Down • Character Education Focus: Kindness • STEM: How Do Airplanes Fly?
<p>Farming Fun</p> <ul style="list-style-type: none"> • What is a Farm? • Animals That Live on the Farm • Caring For Farm Animals • Planting and Caring for Crops • Barns and Silos • Opposites: Big/Little • Character Education Focus: Responsibility • STEM: Planting Seeds <p>A Home for a...</p> <ul style="list-style-type: none"> • Different Types of Homes • Homes for Pets • Homes Animals Build • Unique Homes (houseboat, treehouse) • Families • Building Materials for Homes • Opposites: In/Out • Character Education Focus: Respect • STEM: How Do Animals Build Their Homes? 	<p>Fun in the Forest</p> <ul style="list-style-type: none"> • What Animals Live in the Forest? • Types of Trees in the Forest • Mountains and Valleys • Rivers, Lakes, Ponds & Streams • What Do Forest Animals Eat? • Opposites: Loud/Quiet • Character Education Focus: Respect • STEM: Natural Water Sources <p>At the Beach</p> <ul style="list-style-type: none"> • What Is an Ocean? • Waves and Currents • Animals That Live on the Beach • Animals That Live in the Ocean • Taking Care of the Ocean • Beach Safety & Lifeguards • Boats & Ships Sail on the Ocean • Opposites: Sink/Float • Character Education Focus: Kindness • STEM: Exploring Waves 	<p>In the Night</p> <ul style="list-style-type: none"> • Nighttime Activities • Preparing for Bed • Stars, the Moon and Planets • Nocturnal Animals • Nighttime Safety • Opposites: Dark/Light • Character Education Focus: Honesty • STEM: Earth's Rotation <p>Friends Forever</p> <ul style="list-style-type: none"> • What is a Friend? • All Friends Are Different • Playing with Friends • Being a Good Friend • Who Are My Friends? • Favorite Friend Activities • Opposites: Near/Far • Character Education Focus: Respect • STEM: The Diversity of Friends