Summer Camp 2027 – Outline of activities for elementary program

8 Weeks of Summer Adventure Camp

Week 1	**The Great Mystery Adventure**
Mission:	Become a detective! Observe, investigate, follow clues, and solve mysteries.
Monday	Detective Academy: Learn observation skills, fingerprints, hidden-picture puzzles, and how to examine evidence.
Tuesday	The Missing Treasure: Follow a treasure map, solve riddles, and complete math clues.
Wednesday	Mystery Science: Investigate mystery objects using magnets, magnifying glasses, water, and simple experiments.
Thursday	The Secret Code Mission: Solve number patterns, logic puzzles, symbols, and coded messages.
Friday	The Casa Mystery Challenge: Teams solve a series of clues to uncover a hidden treasure.
Special project: Make a detective notebook with clues, drawings, observations, and the final solution.	
Skills developed: Observation, logical thinking, reading comprehension, mathematics, teamwork, and problem-solving.	

Week 2	**Young Inventors' Workshop**
Mission:	Imagine something useful. Design it. Build it. Test it. Improve it!
Monday	Inventor's Inspiration: Explore everyday inventions and identify problems that need solutions
Tuesday	Building Challenge: Build the tallest freestanding tower using limited materials.
Wednesday	Design a bridge that can hold toy cars or measured weights.
Thursday	Create a Helpful Invention: Make a prototype of a tool, toy, or classroom helper.
Friday	Young Inventors' Expo: Present inventions and demonstrate how they work.
Special project: Every child creates an invention blueprint and a working or model prototype.	
Skills developed: Engineering, measurement, geometry, creativity, planning, persistence, and communication.	

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Week 3	**Wild Explorers: Nature's Secrets**
Mission:	Step outside and discover the amazing world around us.
Monday	Nature Detectives: Conduct an outdoor scavenger hunt for leaves, seeds, rocks, and natural patterns.
Tuesday	Plant Scientists: Examine seeds, plant seedlings, and investigate what plants need to grow.
Wednesday	Bug and Habitat Explorers: Study insects and create miniature habitats or insect models.
Thursday	Earth's Natural Wonders: Explore soil, rocks, erosion, water, and the water cycle.
Friday	Nature Discovery Expedition: Complete outdoor team missions and present nature discoveries
Special project: Create a nature journal with drawings, leaf observations, plant growth records, and discoveries.	
Skills developed: Biology, environmental awareness, classification, scientific observation, responsibility, and nature appreciation.	

Week 4	**Around the World in Five Days**
Mission:	Travel across continents without leaving Casa Montessori!
Monday	Passport to Adventure: Explore continents, oceans, maps, and geographical landmarks.
Tuesday	Asia and Oceania: Discover countries, architecture, animals, music, and traditions.
Wednesday	Europe and Africa: Explore landscapes, famous landmarks, cultural traditions, and art.
Thursday	The Americas: Discover natural wonders, communities, foods, and celebrations.
Friday	International Travel Fair: Children become tour guides and present a country they explored.
Special project: Make a personal travel passport and a country discovery page with a map, flag, facts, and illustrations.	
Skills developed: Geography, map reading, research, cultural appreciation, public speaking, and writing.	
Week 5	**Build a Better World: Future City**
Mission:	What would your dream community look like?

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Monday	What Makes a community? Identify important places and services in a town or city.
Tuesday	Little Architects: Draw floor plans and design homes, schools, and buildings.
Wednesday	Bridge and Road Engineers: Build bridges, roads, and transportation systems.
Thursday	Design a Green City: Include parks, gardens, recycling areas, and sustainable transportation.
Friday	Future City Exhibition: Unveil one large collaborative miniature city.
Special project: Build a shared Casa Future City using cardboard, blocks, recycled materials, and other construction supplies.	
Skills developed: Geometry, measurement, spatial reasoning, engineering, collaboration, and environmental responsibility	

Week 6	**The Amazing Science Lab**
Mission:	Question everything. Make predictions. Experiment. Discover!
Monday	Science Detectives: Learn to observe, ask questions, make predictions, and conduct fair tests.
Tuesday	Water Wonders: Explore floating and sinking, density, absorption, and water movement.
Wednesday	Air, Light, and Sound: Investigate air pressure, shadows, reflection, vibration, and sound.
Thursday	Earth and Space: Make volcano models, investigate the solar system, and explore planets.
Friday	Young Scientists' Fair: Demonstrate experiments and explain discoveries.
Special project: Keep a science journal recording questions, predictions, materials, observations, and conclusions.	
Skills developed: Scientific method, critical thinking, data recording, measurement, reasoning, and communication.	

Week 7	Little Chefs: Cooking Around the World

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Mission:	Introduce children to food preparation, kitchen safety, nutrition, measurements, following recipes, and different food cultures through hands-on cooking experiences.
Monday	Kitchen Explorers: Learn the basics of cooking. • Introduce kitchen tools and their uses. • Learn kitchen hygiene and food safety. • Identify fruits, vegetables, grains, and proteins. • Practice measuring ingredients using measuring cups and spoons. • Make a colorful fruit salad
Tuesday	Little Bakers • Learn how to follow a recipe. • Identify dry and wet ingredients. • Measure and mix ingredients. • Prepare simple muffins, biscuits, or mini pizzas. • Observe how ingredients change during baking.
Wednesday	Around the World in My Kitchen • Discover popular foods from different countries. • Prepare simple dishes such as vegetable spring rolls, mini quesadillas, or rice balls. • Discuss the countries and traditions associated with the dishes. • Create a recipe card with a drawing of the food.
Thursday	Creative Food Designers • Create colorful fruit skewers. • Make decorative sandwiches or wraps. • Design a healthy lunchbox. • Explore food presentation and balanced meals. • Give each creation an imaginative name
Friday	Casa Little Chefs Café • Children work in teams to prepare selected recipes. • Set up a pretend restaurant or café. • Design menus and table decorations. • Take turns being chefs, servers, and guests. • Share the food they prepared.
Learning area: Practical life, Mathematics, Language, Science, Geography	

Week 8	Art Explorers: The World of Creativity

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Mission:	Allow children to explore different artistic techniques, experiment with materials, develop fine motor skills, and express their imagination through original artwork.
Monday	Color Explosion! - Discover the magic of colors. • Learn primary and secondary colors. • Experiment with mixing colors. • Explore watercolor, acrylic, and tempera painting. • Paint an abstract masterpiece. • Create a personal color wheel.
Tuesday	Sculptors and Little Builders: Create art with your hands. • Explore clay, play dough, and modeling materials. • Make miniature animals, people, or imaginary creatures.
Wednesday	Recycled Art and Creative Designs Turn ordinary materials into extraordinary art. • Use cardboard, bottle caps, paper rolls, fabric scraps, and other clean recycled materials. • Create robots, sculptures, decorative objects, or imaginary inventions. • Explore collage and mixed-media art. • Discuss how art can help reduce waste.
Thursday	Masterpiece Makers Prepare for our very own art exhibition. • Choose a favorite artistic medium. • Create an original masterpiece. • Design an artwork title and artist statement. • Prepare a small display card. • Arrange the classroom art gallery.
Friday	Casa Montessori Young Artists' Gallery Celebrate creativity and imagination! • Display children's paintings, sculptures, and mixed-media creations. • Give each child an opportunity to explain their artwork. • Invite classmates and families to visit the gallery. • Celebrate the creativity and effort of every young artist.
Learning areas: Art and Creativity, Science, Practical Life,	