

CADETTE/SENIOR GIRL SCOUT GUIDE TO SCIENCE CITY

(Use with Interest Projects book)



page #	Interest Project	Requirements	What you do at Science City	Adult's or Leader's OK
18-19	Child Care	Technology 2 - Visit a store where educational toys, and games are sold. Write down 2 or 3 items you would recommend for a child of a certain age. Observe a child at play. Adjust your choices.	Visit the Adventure Store in Union Station to select toys and visit Science City to observe children at play.	2
36-37	Law and Order	Technology 5 - Learn about scientific methods, such as DNA testing, fingerprinting, and hair analysis, used in criminal investigations. Find two articles that discuss these methods. Share your findings in a meeting.	Visit the Crime Lab and check out the fingerprinting, hair analysis, handwriting analysis etc. to solve the crime.	5
40-41	Travel	Skill Builder 2 - Plan and take a trip to any U.S. city. Research transportation options, activities, tourist attractions etc.	Visit the Information Booth in Union Station to collect travel brochures. Visit the Amtrak Office to research travel by train. Visit the Metro Transit Center to research local bus travel.	2
50-51	All About Birds	Skill Builder 1 - Find out about the mechanics of flight. Compare the anatomy of birds with the design of airplanes.	Visit the Tree house and check out the "What Can Fly and Why" exhibit. Be sure to compare the shapes of wings on birds and planes.	1
		Skill Builder 3 - Learn to identify five birds by their songs or call notes.	Visit the Tree house to listen to bird songs.	3
53	Build a Better Future	Service Project 1 - Volunteer at a local science center that highlights technology. Act as an exhibit interpreter.	Volunteer at Science City.	1
73	Planet Power	Career Exploration 4 - Create a time line of events in the history of nuclear science that includes a few of the people mentioned.	Visit S.O.A.R. to find information on: Niels Bohr, Marie and Pierre Curie, Albert Einstein, Enrico Fermi, Otto Hahn, & Wilhelm Roentgen.	4

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76-77	Space Exploration	Career Exploration 4- Investigate and list space-related places to visit or activities to pursue in your community.	Visit the Astronaut Training Center, the S.O.A.R. Lab, check out the shows in the City Dome, or participate in a Challenger Learning Center program. (Reservation required for Challenger)	4
78-79	Why in the World?	Service Project 2- Help a Brownie or Junior Girl Scout group earn a science Try-It or badge.	Pick up copies of the Brownie and Junior Girl Scout Guides to Science City for ideas.	2
		Career Exploration 4- Volunteer as a demonstrator at a science museum.	Volunteer at Science City.	4
130-131	Museum Discovery	Skill Builder 1- Visit a museum of your choice. Take in the exhibits on your own. Then if possible arrange for a behind the scenes tour. See your Interest Projects book for what to look for.	Visit Science City.	1
		Technology 4- Visit a local museum and check to see if it is accessible to people with disabilities. After your visit make a list of recommendations on how you would improve the facilities.	Visit Science City.	4
		Service Project 3- Participate in an existing museum volunteer program.	Volunteer at Science City.	3
		Career Exploration 3- For one day, shadow a person with a museum related career. What kinds of skills does the person practice on her job?	Arrange to shadow someone at Science City.	3
164	On the Playing Field	Technology 2- All sports have highly technical equipment to help athletes hone their skills. Try to test out at least one piece of equipment.	Visit the Sports Training Center. Clock the speed of your throws and film the mechanics of your throwing motion with the equipment there.	2

Please be sure to transfer the activities you did today to your Interest Projects Book.