

REUNION TOWER

EDUCATION CURRICULUM



SAMPLE

Curriculum Developed by
BK International Education Consultancy

ACTIVITY MATRIX

Subject	Activity	Texas Standards	Before, During or After	Integrated Subjects	Badges
Science	Weather Forecast	Scientific Investigation and Reasoning: K.1-8.1 Earth and Space: K.8-8.8	Before During	Math Language Arts	Daisy Between Earth and Sky Patch Brownie Scientist Badge Get Moving! Junior Patch Boy Scout Weather Badge
	Endangered Animals	Organisms and Environments: K.9-8.9	During After	Technology Language Arts	Daisy Between Earth and Sky Patch Brownie Scientist Badge Get Moving! Junior Patch Animal Science Boy Scout Badge
	Simple Machines	Force, Motion, and Energy: K.6-8.6	During	Language Arts	Daisy Between Earth and Sky Patch Brownie Scientist Badge Get Moving! Junior Patch
	Constellations	Scientific Investigation and Reasoning: K.1-8.1 Earth and Space: K.8-8.8	Before During	Language Arts	Daisy Between Earth and Sky Patch Brownie Scientist Badge Get Moving! Junior Patch Boy Scout Astronomy Badge
Technology	Tools of the Trade	Scientific Investigation and Reasoning: K.4-8.4 Scientific Investigation and Reasoning: K.1-8.1	Before During	Science	Daisy Petal Set Brownie Computer Expert Badge Junior Entertainment Technology Badge Boy Scout Digital Technology
	Shine a Light	Creativity and Innovation: K-8.1.A, K-8.1.C	Before During	Science	Daisy Petal Set Brownie Computer Expert Badge Junior Entertainment Technology Badge Boy Scout Digital Technology
	Computer Chips	Creativity and Innovation: K-8.1.A, K-8.1.C	Before During	Language Arts	Daisy Petal Set Brownie Computer Expert Badge Junior Entertainment Technology Badge Boy Scout Digital Technology
	Career Choice	Exploring Careers: EC.1.A	Before After	Language Arts	Daisy Petal Set Brownie Computer Expert Badge Junior Entertainment Technology Badge Boy Scout Digital Technology
Engineering	Master Minds	Research/Gathering Sources: K.20-8.20	Before After	Language Arts Technology	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Engineering
	Global Towers	Research/Gathering Sources: K.20-8.20 Knowledge/Skill: PS.1.E, S.1.F, PS.2.A	Before After	Social Studies Language Arts Technology	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Engineering
	Major Construction	Research/Gathering Sources: K.20-8.20	During	Social Studies Math Technology Language Arts	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Engineering
	Over and Under	Knowledge/Skill: PS.1.E, S.1.F, PS.2.A	Before During	Language Arts	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Engineering

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Art	Nature's Design	Creative Expression/Performance: K.2.A – 8.2A	During After	Technology	Daisy Petal Set Brownie Painting Badge Junior Drawing Badge Boy Scout Art Badge
	Media Savvy	Creative Expression/Performance: K.2.A – 8.2A	Before After	Language Arts	Daisy Petal Set Brownie Painting Badge Junior Drawing Badge Boy Scout Art Badge
	Selfie Time	Creativity and Innovation: K-8.1.A, K-8.1.C	During	Technology Language Arts	Daisy Petal Set Brownie Painting Badge Junior Drawing Badge Boy Scout Art Badge
	3D Modeling	Creativity and Innovation: K-8.1.A, K-8.1.C	Before After	Technology	Daisy Petal Set Brownie Painting Badge Junior Drawing Badge Boy Scout Art Badge
Mathematics	Geometry Galore	Geometry and Measurement: K.6-8.6 Mathematical Process Standards: K.1 -8.1	Before During	Language Arts	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Architecture Badge
	Down to Scale	Mathematical Process Standards: 2.1-8.1 Geometry and Measurement: K.7-8.7	Before After	Technology	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Model, Design and Building Boy Scout Badge
	Got a Spare Sphere?	Geometry and Measurement: K.6-8.6 Mathematical Process Standards: K.1 -8.1	Before After	Technology Social Studies	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Model, Design and Building Boy Scout Badge
	Penny Project	Number and Operations: K.4-8.4 Mathematical Process Standards: K.1 -8.1	Before During	Social Studies	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Model, Design and Building Boy Scout Badge
Language Arts	Public Relations	Reading /Comprehension Skills: K-8.RC Writing/Writing Process: K.13-8.13	Before After	Technology	Daisy Petal Set Brownie: A World of Girls Badge Junior Scribe Badge Boy Scout Reading Badge
	Sing Someone's Praises	Reading /Comprehension Skills: K-8.RC Writing/Writing Process: K.13-8.13	During	Social Studies	Daisy Petal Set Brownie: A World of Girls Badge Junior Scribe Badge Boy Scout Reading Badge
	Word of Mouth	Reading /Comprehension Skills: K-8.RC	During After	Social Studies Technology	Daisy Petal Set Brownie: A World of Girls Badge Junior Scribe Badge Boy Scout Reading Badge
	Advocacy	Reading /Comprehension Skill: K-8.RC Writing/Writing Process: K.13-8.13	During After	Social Studies Science	Daisy Petal Set Brownie: A World of Girls Badge Junior Scribe Badge Boy Scout Reading Bade

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Social Studies	Community Renovations	Geography: K.5-3.5, 4.9-8.9	Before	Language Arts Technology	Daisy Petal Set Brownie: A World of Girls Badge Junior Agent of change Badge Citizen in Nation Boy Scout Badge
	Dallas History	History: K.2 - 8.2	During After	Technology Language Arts	Daisy Petal Set Brownie: A World of Girl Badges Junior Agent of Change Badge Citizen in Nation Boy Scout Badge
	Moving People	Economics: K.7-8.7	During After	Language Arts Mathematics	Daisy Petal Set Brownie: A World of Girls Badge Junior Agent of Change Badge Citizen in Nation Boy Scout Badge
	Write it	Geography: K.5-3.5, 4.9-8.9	After	Language Arts	Daisy Petal Set Brownie: A World of Girls Badge Junior Agent of Change Badge Citizen in Nation Boy Scout Badge
Health	Cloud Nine Café	Health Behaviors: K.1.A, 1.1.A, 2.1.B, 3.1.A, 4.1.A, 5.1.E, 6.1.B, 7-8.1.A	Before During	Mathematics	Daisy Petal Set Brownie My Best Self Badge Junior Staying Fit Badge Personal Management Boy Scout Badge
	Foot Work	Health Behaviors: K.1.A, 1.1.A, 2.1.B, 3.1.A, 4.1.A, 5.1.E, 6.1.B, 7-8.1.A	During	Mathematics	Daisy Petal Set Brownie My Best Self Badge Junior Staying Fit Badge Personal Management Boy Scout Badge
	Let's Get Physical	Health Behaviors: K.1.A, 1.1.A, 2.1.B, 3.1.A, 4.1.A, 5.1.E, 6.1.B, 7-8.1.A	During After	Mathematics	Daisy Petal Set Brownie My Best Self Badge Junior Staying Fit Badge Public Health Boy Scout Badge
	Healthy Choices	Health Behaviors: K.1.A, 1.1.A, 2.1.B, 3.1.A, 4.1.A, 5.1.E, 6.1.B, 7-8.1.A	Before After	Science	Daisy Petal Set Brownie My Best Self Badge Junior Staying Fit Badge Public Health Boy Scout Badge
Q uests	Sky High	Geometry and Measurement K.7-8.7	Before After	Mathematics	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Architecture Badge
	It's Electrifying	Force, Motion, and Energy K.6-8.6	Before After	Science	Daisy Between Earth and Sky Patch Brownie Scientist Badge Get Moving! Junior Patch Boy Scout Science Badge
	Polygon Perimeter	Geometry and Measurement K.6-8.6	During	Mathematics	Daisy Petal Set Brownie Inventor Badge Junior Product Designer Badge Boy Scout Architecture Badge

SCIENCE

Weather Watch

BEFORE

DURING

Log the weather forecasts the week of your planned trip to Reunion Tower. While on the GeO-Deck, perform an experiment to test for particulates that contribute to air pollution, wind direction and speed, temperature or precipitation. Discuss your findings with your group. For experiment ideas, visit <http://goo.gl/qXMZYH>

Endangered Animals

DURING

AFTER

Use a Halo to research an endangered animal found at the Dallas Zoo. After your visit, research its natural habitat, why it is endangered, what is being done to preserve it and how many animals are left in the wild. Prepare a 100-word report about the animal, including a drawing. Present your report to your class or troop.

Simple Machines

DURING

A simple machine is a device that makes work easier by applying a force. During your visit to Reunion Tower, identify seven simple machines. Describe how they make work easier. *etc., wheel chair ramp, penny press machine,*

Possible answers: elevator, flagpole, crane, stairs,

Constellations

BEFORE

DURING

Constellations are star patterns in the sky. Many constellations are connected to mythology. The Magnolia Petroleum Company used the mythical creature Pegasus as their company logo. Research the story of Pegasus and locate the Pegasus from the GeO-Deck.

