




Activities by Major Content

CONTENT	TITLE	TIME (minutes)	AGES	RELATED EXHIBITS
Air 	Balloon Rockets	10 to 20	4 to 11	Air Tubes
	Fun with Bernoulli	5	7 to 11	
	Water Rockets	5 to 10	5 to 12	Up, Up and Away!
	Mini-hovercraft	10 to 20	4 to 14	Wing Thing
Land 	Combustion Engine	10 to 15	10 and up	Earthmovers
	Floating Magnets	5	4 to 11	Give It A Lift
	Friction	5	4 to 11	MagLev
	Giant Lever Demonstration	10 to 15	8 and up	Start Your Engines!
	Hydraulic/Pneumatic Robot Arm	5 to 10 or Extension 25+	8 and up	
	Making an Electromagnet	10 to 20	4 to 11	
Square and Other Shaped Wheels	10	6 to 11		
Sea 	Cartesian Divers	5 to 10	5 to 13	Feel the Friction
	Load'Em Up	5 to 30	4 to 13	Hovercraft
	Paddle Boat	10 to 30	6 to 13	Set Sail Waterways
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Density	Cartesian Divers	5 to 10	5 to 13	Up, Up and Away!
	Load 'Em Up	5 to 30	4 to 13	
Design & Engineering	Hydraulic/Pneumatic Robot Arm	5 to 10	8 and up	Start Your Engines!
	Paddle Boat	10 to 30	6 to 13	Wing Thing
Energy	Combustion Engine	10 to 15	10 and up	Earthmovers
	Making an Electromagnet	10 to 20	4 to 11	Give It A Lift
	Paddle Boat	10 to 30	6 to 13	Start Your Engines!

Activities by Major Content continued...

CONTENT	TITLE	TIME (minutes)	AGES	RELATED EXHIBITS
Force	Balloon Rockets	10 to 20	4 to 11	All Exhibits
	Floating Magnets	5	4 to 11	
	Friction	5	4 to 11	
	Fun with Bernoulli	5	7 to 11	
	Giant Lever Demonstration	10 to 15	8 and up	
	Hydraulic/Pneumatic Robot Arm	5 to 10	8 and up	
	Load 'Em Up	5 to 30	4 to 13	
	Mini-hovercraft	5 to 10	5 to 12	
	Paddle Boat	5 to 10	6 to 13	
	Water Rockets	10 to 20	4 to 14	
Friction	Balloon Rockets	10 to 20	4 to 11	All Exhibits
	Friction	5	4 to 11	
	Mini-hovercraft	5 to 10	4 to 11	
	Paddle Boat	5 to 10	5 to 12	
	Water Rockets	10 to 20	4 to 14	
Magnetism	Floating Magnets	5	4 to 11	MagLev
	Making an Electromagnet	10 to 20	4 to 11	
Newton's Laws	Balloon Rockets	10 to 20	4 to 11	All Exhibits
	Friction	5	4 to 11	
	Paddle Boat	5 to 10	6 to 13	
	Water Rockets	10 to 20	4 to 14	
Pressure	Balloon Rockets	10 to 20	4 to 11	Air Tubes
	Cartesian Divers	5 to 10	5 to 13	Feel the Friction
	Combustion Engine	10 to 15	10 and up	Give It A Lift
	Fun with Bernoulli	5	7 to 11	
	Hydraulic/Pneumatic Robot Arm	5 to 10	8 and up	Up, Up and Away!
	Load 'Em Up	5 to 30	4 to 13	Wing Thing
	Mini-hovercraft	5 to 10	5 to 12	
	Water Rockets	10 to 20	4 to 14	

Activities by Major Content continued...

CONTENT	TITLE	TIME (minutes)	AGES	RELATED EXHIBITS
Simple Machines	Giant Lever Demonstration	10 to 15	8 and up	Earthmovers
	Square and Other Shaped Wheels	10	6 to 11	Give It Lift
Work	Combustion Engine	10 to 15	10 and up	All Exhibits
	Giant Lever Demonstration	10 to 15	8 and up	