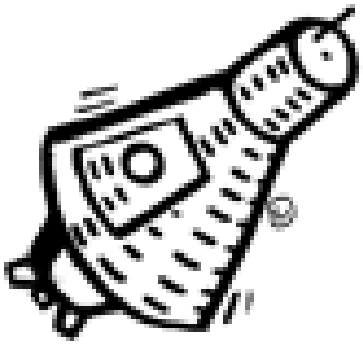
The Apollo 13 Mission: "Houston, we've had a problem."

Real World Problem Solving



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Apollo 13: Vocabulary

Directions: Discuss these vocabulary terms before watching the video. During the video, add any interesting terms to the back of this page.

Mission Control	Houston, TX	Jim Lovell	Ken Mattingly
Fred Haise	Jack Swagirt	Gene Kranz	Walter Cronkite
flight director	commander	controllers	"flight"
Command Module	Odyssey	Service Module	Lunar Lander
LEM	Lunar Excursion Module	Aquarius	function crew
routine	transmission	crisis	navigation
engineer	coincidence	eerie	routine
Saturn V	inboard	lethargic	trajectory
"Moon Shot"	Hydrogen	Oxygen	Carbon Dioxide
fuel cell	venting	gas	Fra Mauro Highlands
lifeboat	power-down	life support	battery power
reentry	slingshot	simulated	navigation data
hibernation	maneuver	course	Prime Recovery Zone
swarm	"juice"	consumables	shifts
exhale	filters	air scrubbers	suffocate
"Leave no stone unturned."		ancient mariners	debris
reference point	oriented	"go for the burn"	exhaustion
rationing	freeze-dried	alternately	power-up
"ingenious fix"	splash-down	drifting	rotation
jettisoned	condensed	heat shield	jeopardy
black-out	atmospheric friction	fatigue	disoriented
ceased	frontier	pride	euphoria

Name: _____ Date: _____

Apollo 13: Real World Problem Solving

Directions: As we watch and discuss the Apollo 13 documentary, look for evidence and examples in the following areas.

How do problems behave?	How do problem solvers behave?

Use the information on this page to create a Venn Diagram that shows possible relationships between problems and problem solvers.

Name: _____ Date: _____

Apollo 13: Problem Solving Strategies

Directions: As we watch and discuss the Apollo 13 documentary, try to identify problem solving strategies.