



ACTIVITY: Space Shuttle Operations

Directions:

Concept mapping is a technique for visualizing the relationships between different concepts. Concepts are connected with labeled arrows in a downward-branching hierarchical structure sort of like a flow chart, but with more flexibility. Review the information on Space Shuttle operations and start writing key concepts and drawing relationships with the assistance of your teacher and classmates. Some key terms have been identified for you in the following list, in no particular order. If you wish, you may add more terms to your concept map.

Your Mission:

You have been assigned to create new NASA employee training based on the training PowerPoint you just experienced. Create a concept map (a diagram showing the relationships between concepts) for Space Shuttle operations.

Key Terms:

Barge Move/ External Tank Barge	Pad Operations	Rotating Service Structure Retract
Crew Ingress TCDT	Patrick Air Force Base Forecaster	RPSE
External Tank Barge Ops	Payload Lift Ops	Solid Rocket Booster Segment (SRB)
FT Barge Ops	Payload Transport	Space Station Processing Facility
Guppy Flights	Pre-Ops Launch	SRB Recovery Ops
Hurricanes	Rollout/ Rollback	Stack ET in VAB
KSC	Rollover	Tanking
Launch Director	Rotating Service Structure (RSS)	VAB

Shuttle Operations