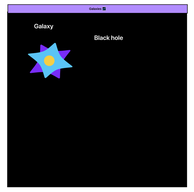
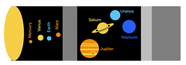
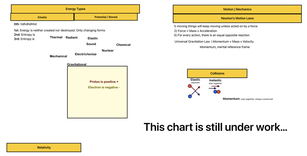
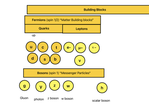


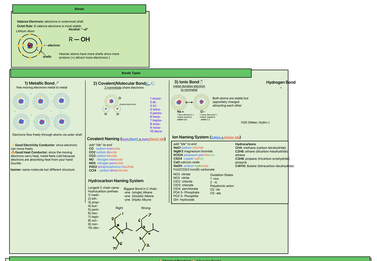


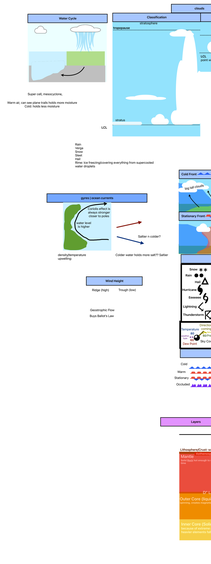
There's no wind on ground level under the astronauts' jet streams because of the falling air. These are called "Horse latitudes" because ancient ships with livestock would be dropped horses in the ocean to save weight. Lines are not straight but curvedwith called "Rossby waves"

This chart is still under work...








Water Cycle
Super cell, mesoscolone,
Warm air: can see plane trails holds more moisture
Cold: holds less moisture
Rain
Hail
Sleet
Snow
Rime: ice freezing(covering everything from supercooled water droplets)
Glaze: ice freezing(covering everything from supercooled water droplets)
ENVIRONMENTAL
Lapse rate is where stronger winds are at 10,000m
density/temperature sensitivity
Colder water holds more air? Sattlar
Sattlar = colder?
Wind Height
Ridge (high)
Trough (low)
Geostrophic Flow
Buys Ballot's Law
Clouds
Classification
cloud parts
Troposphere
Condensation
UO2
warm where this cold enough for water to condense
Cirrus
Cumulus
Stratus
Nimbus
Altocumulus
Altostratus
Cirrocumulus
Cirrostratus
Cumulonimbus
Temperatures / Air Pressure
Low Pressure
High Pressure
Warm Air
Warm Front
Cold Air
Cold Front
Warm Air Overrunning Cold Air
Warm Air Overrunning Cold Air
Cold Air Undercutting Warm Air
Cold Air Undercutting Warm Air
Cumulus Effect
Warm Air
Cold Air
Hadley Cell Model (Trade Wind Cell Model)
Hadley Cell
Ferrel Cell
Polar Cell
Air Masses (Home & Invasion)
Seasons
March Equinox
dawn daylight
June Solstice
longest day in north
shortest day in south
December Solstice
shortest day in north
longest day in south
September Equinox
dawn daylight
Earth's tilt clears the same force for both hemispheres
Latitude Lines
Arctic Circle: sun never rises in winter
Tropic of Cancer: sun never rises in summer
Tropic of Capricorn: sun never rises in winter
Antarctic Circle: sun never rises in summer
Subsolar Point: point on ground that sun is directly above (90 deg). Subsolar point stays between Tropic of Cancer and Capricorn, aka The Tropics
High pressure falling air cools opposite of Coriolis effect because
Cold Front
Warm Front
Stationary Front
Occluded Front
Stationary Front
Occluded Front
Warm Air
Cold Air
Warm Air
Cold Air
Warm Air
Cold Air