

Up & Away! The story of Flight

topic word mat



space shuttle

a spacecraft designed to travel to and from space several times



helicopter

an aircraft that uses rotating blades to lift it into the air and to control its direction



aeroplane



an aircraft that uses big wings and one or more engines to fly through the air



biplane



a plane with two sets of wings, more common in the early days of flying



glider



an aircraft without an engine which flies by gliding, using naturally-occurring warm air to rise in the air



pterosaur



the dinosaur ancestors of birds



weather conditions

details about rain, snow, sun, wind and the temperature at a particular time



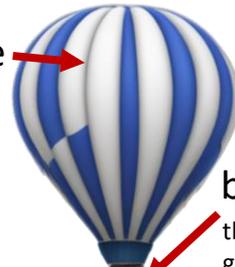
hot air balloon

a large fabric balloon filled with hot air to make it rise with a basket underneath in which people can travel



envelope

the part of a hot air balloon that is filled with hot air to make it rise



burner

the device that burns gas to heat the air in the envelope



basket

the part of a hot air balloon where the passengers ride



hovercraft

a vehicle that can travel across land and water by floating on a cushion of air



molecules

the tiny, invisible particles from which everything is made



ascend
to go up



wind farm

a place where windmills are used to turn the power of the wind into electricity



force

a push or a pull on an object



gravity

the force that makes things fall to earth



lift



the force that works against gravity and makes things rise



airship, dirigible

a large balloon filled with gas, powered by an engine and with a section underneath for passengers.



helium



a gas that is lighter than air



descend

to go down



hydrogen



a gas that is lighter than air and which catches fire easily



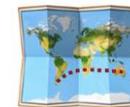
intrepid

brave, daring, bold



parachute

a piece of fabric used to slow the fall of a person who has jumped from a height



route

the way from one place to another



aviator



the pilot of a plane, airship or balloon, especially in the early days of flying



pioneers



the first people to do something