









## **GLOSSARY**

1.	. •	0	•	0	•	•	0	•	•
	Atmosphere	the layer	r of gases tha	at surroun	nds the Ear	th (and so	me other ce	lestial bodie	s).
0	Carbon dioxide		esent in the a 7 Venus – whi	-					,
o	Constellation		of stars arrai ogical creatu		pattern, of	ten named	d after how	they look or	r
	Crater	A large h	ollow in the	ground ca	used by th	e impact o	of a meteori	te.	
0	Equator	_	nary line drai orthern and s			-	net or body	that divides	3
0	Flyby		spacecraft flie touch down			ther body	, but does r	not go into	
0	Friction	A force t	hat slows do	wn two ol	bjects movi	ng over ea	ch other.		
	Galaxy		of millions of t, all held togo			ting plane	tary system	s, Plus gas	
0	Gamma rays	High-ene	ergy waves th	at can't b	e seen by	the human	eye.		
0	Geyser	A hot spi into the	ring in the gr air.	ound that	sends out	· a tall colu	ımn of liqui	d and steam	
	Gravity		that attract ter the pull o		lies toward	s each oth	er. The great	er the mass,	•
	Light year	the dista	nce that light	travels in	one Earth	year – aro	und 9 trillio	n km (6 trilli	ion mi).
	Magma	Hot, molt	ten rock unde	er the sur	face of Ear	H or anoth	her celestial	body.	
	Mass	the amou	unt of materi	ial an obje	ct has, whi	ch on Eartl	h also indica	ites how hea	Ny it is.
•	Methane		al compound the freezing					-	uid or

	NASA		
0	NASA		
•		The National Aeronautics and Space Administration agency of the	
		USA. It is the agency in charge of US space exploration.	0
	Nuclear fusion	A process where atoms are pushed together to release huge amounts of energy.	
•	0rbit	The curved path of an object around a star, planet or moon.	0
	0rbiter	A spacecraft that goes into orbit – flying repeatedly around – a body.	
•	0xygen	A gas that is essential for animal life to occur.	•
	Rover	A space vehicle that explores the surface of a planet or other body.	
• 5	Sedimentary rock	A type of rock formed when fragments of other rock – often created by the action of flowing water – are deposited on top of each other in layers.	•
•	Solar panel	A panel that absorbs the Sun's light and turns it into electricity.	0
	Solar System	The planets, moons and other smaller bodies that orbit the Sun or another star.	ш
0	Spectrometer	A scientific instrument that measures light wavelengths.	
	Supernova	The explosion of a large star.	
0	Ultraviolet	High-energy waves with a wavelength that means they sit just beyond the spectrum of light waves that humans can see.	· m
•	16		
0	Vacuum	Space that is empty of all matter.	<i>Y</i> .
	X-ray	High-energy waves that can pass through many solid	
•		objects that visible light cannot.	2