Gravity – Does it Exist?

Watch the video lesson on gravity and fill in this sheet as you go!

Do you believe in gravity?

Yes ☐ No ☐

Explain why:

_____

_____

_____

_____

Michael Kimber, Devon
Science Learning Partnership

Activity 1 – The Drop Test:

Objects	Trial 1	Trial 2	Trial 3	First to the ground?

What do your results show you?

Complete this wordsearch to test your gravity knowledge!

All about gravity

1. Who invented the theory of gravity? (I)
2. Gravity is a ____ (F)
3. Gravity pulls us toward the centre of the _____ (E)
4. _____ objects will fall towards Earth? (U)
5. Gravity is acting between Earth and a falling ____ (O)
6. In a fair test you should have at least ___ attempts. (T)
7. A higher ___ (or weight) can increase an object's gravitational pull.
8. Is Earth's gravity strongest when you are standing on the ground or in the air?
9. The gravity of the moon causes the ____ in our oceans? (T)

Q	U	O	H	I	S	Z	Z	I	E	O	L
R	K	B	D	A	T	I	G	C	E	Y	T
O	E	J	V	G	G	M	R	C	I	I	T
G	D	E	B	K	A	O	H	L	D	W	B
Y	R	C	J	S	F	Z	Q	E	K	T	S
M	A	T	S	P	V	W	S	W	W	R	U
W	E	A	R	T	H	K	J	A	O	X	E
U	N	S	U	P	P	O	R	T	E	D	O
D	N	O	T	W	E	N	C	A	A	S	I
F	Q	P	D	M	G	S	C	L	M	A	I
Q	Y	O	T	T	J	K	Q	N	V	I	T
S	E	E	R	H	T	L	M	L	J	R	Y

STEM LEARNING

Michael Kimber, Devon Science Learning Partnership