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Activities

Basic version

Name: _____

Class: _____

Date: _____

Gravitational waves recorded (Page 1)

Instructions: Read the article 'Gravitational waves recorded'.

Fill in the boxes with the correct answers to find the mystery word.

1.		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.			<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.			<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
4.				<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
5.			<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
6.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>		
7.			<input type="text"/>	<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>			
8.			<input type="text"/>	<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.			<input type="text"/>	<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
10.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="border: 2px solid orange;" type="text"/>	<input type="text"/>		

Clues

- Black holes are space objects with very _____ gravitational fields
- No one knew if gravitational waves really _____
- Gravitational waves squeeze and stretch _____
- The name stands for _____ Interferometer Gravitational-Wave Observatory
- Normally, the two beams arrive back at the _____ at the same time
- Many of Einstein's _____ are now believed to be correct
- As they _____ no light, black holes cannot be seen
- _____ at distant parts of the Universe is like looking back in time
- Over the next eight years, they didn't record a _____ gravitational wave
- If the Big Bang Theory is correct, the _____ is around 13.7 billion years old

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Purple socks (Page 12)

Instructions: Read the article ‘Purple socks’.
Check either true or false for the following statements.

	TRUE	FALSE
1. The first <i>Xenoturbella</i> was discovered near Sweden over 60 years ago.		
2. The tree of life is a diagram. It is a simple way of showing how all the world’s animals are related.		
3. Purple socks have eyes and a small brain.		
4. The researchers spotted the sock-like organisms when using a submarine.		
5. Dogs are believed to have separated from wolves around 40,000 years ago.		
6. The mollusc DNA came from something the <i>Xenoturbella</i> ate.		
7. One of the first people to draw a tree of life was Vincent van Gogh.		
8. For many years the sock-like creature found near Norway was the only one known to exist.		
9. The researchers don’t know how or what purple socks eat.		
10. The researchers believe that, unlike oysters, purple socks did not evolve from more complex forms of life.		

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Missing osprey found (Page 6)

Instructions: Read the article 'Missing osprey found'.

1. Find the key words in the wordsearch below. Words can go in any direction.
2. Take the first 35 unused letters, starting at the top left-hand corner of the box.
3. Put these letters into the squares at the bottom of the page to discover the mystery phrase.

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

Key words

WILDLIFE	FEATHERS
BREEDING	ENDANGERED
SCOTLAND	RAPTORS
COLLECTORS	MIGRATE
SENEGAL	TALONS
PESTICIDE	OSPREYS

Mystery phrase

□□□
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Name: _____

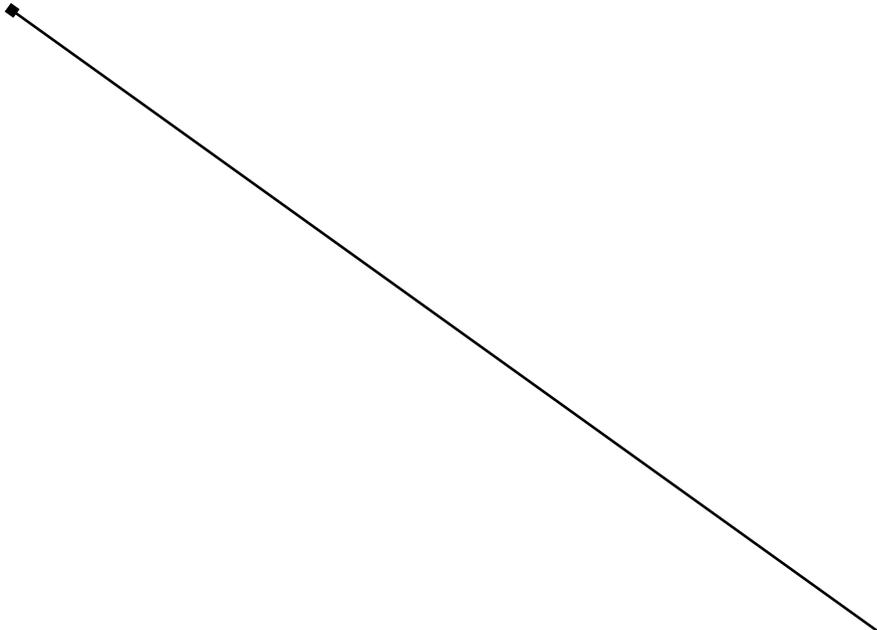
Class: _____

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Year of the Monkey (Page 4)

Instructions: Read the article 'Year of the Monkey'.
Draw a line to connect the correct links. The first is done for you.

Chinese New Year	Red
Spring Festival	Myth
Year of the Goat	Legend
Rat	February 8
Fire	Lunar New Year
Prosperity	Ox
China	Beijing
Buddha	"Elements"



Name: _____

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The Ice Maiden (Page 8)

Instructions: Read the article 'The Ice Maiden'.
Answer questions 1-8. The first is done for you.

1. Six of us were buried near the princess.

H O R S E S

2. I am the Ice Maiden. This is my other name.

□ □ □ □ □ □ □ □ □ □ □ □ □ □

3. I am a famous Ancient Greek historian.

□ □ □ □ □ □ □ □ □

4. I am the Ice Maiden. Part of my skin is covered with these.

□ □ □ □ □ □ □

5. We are ethnic people who live in the Altai Mountains.

□ □ □ □ □

6. I am the Ice Maiden. Scientists think I had this disease.

□ □ □ □ □ □ □ □ □ □ □ □ □ □

7. We are a tribe of ancient nomads.

□ □ □ □ □ □ □

8. I am another word for hell.

□ □ □ □ □ □ □ □ □ □ □

Name: _____

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World Map (Page 13)

Instructions: Listed below are 12 countries. Eliminate from the list those countries that appear on the map of the world. You will be left with one country that is not named on the map. That is the answer.

South Korea

Egypt

Israel

Greece

Italy

Cuba

Paraguay

Senegal

Brazil

Syria

Denmark

Peru

Missing Country =

Name: _____

Class: _____

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Vellum decision (Page 3)

Instructions: Read the article 'Vellum decision'.

Fill in the boxes with the correct answers to find the mystery word.

1.											
2.											
3.											
4.											
5.											
6.											
7.											
8.											
9.											
10.											

Clues

- Most people in the House of Lords are _____
- It is a record of all the towns, villages and _____ in England
- _____ was first used as a type of paper thousands of years ago
- The skin is washed and then soaked in a special _____ for many days
- Many historians say that Magna Carta was the world's first _____
- As paper was quicker and less expensive to make, it soon _____ parchment
- Some of Britain's most famous historical _____ were written on vellum
- However, in _____, important documents continued to be written or printed on vellum
- In the Palace of _____ there is a room where all the Acts of Parliament are stored
- After the law is finalized, two copies are printed in _____ made from vellum