

### **Homework Tasks (Year 6):**

- **GPS:** Please read 'Human Adaptations' on pg.2 of this file then answer – and mark – the 'Word' and 'Sentence' questions on pg. 3 and 4. Answers can be found on pg.5. Please use these to help work out how to answer any questions you are unsure about. Your responses should be recorded in your Homework Jotter provided by school.
- **Maths:** Please complete – and mark – 'Multiply 4-digits by 2-digits' on pg.6 of this file. Answers can be found on pg.7. Please use these to help work out how to answer any questions you are unsure about. Your responses should be recorded in your Homework Book provided by school.

***Please ensure your completed homework is handed in at school on  
Wednesday 29<sup>th</sup> November.***

- **Spelling:** A spelling test on **Autumn 2 Week 4** list of words will take place next **Friday**. The list of words is available separately on the Woodpecker Class page of the school website. Please log onto Spelling Shed to support practice at home.
- **Multiplication Facts:** A test of a variety of multiplication facts will take place every **Thursday**. Please practise all facts up to 12 x 12.
- **Reading:** You are expected to do **at least 20 minutes** of independent reading at home, **every day**. *Please remember to log all new books read – both those at home and at school – in our class reading log as there are no home reading records in Woodpecker Class:*

The Earth is a pretty unforgiving place to live and is even more dangerous for us as humans because our ancient ancestors decided to move out of the oceans and live on land.

Because of the way we have adapted, we can no longer breathe water. Not only that, our veins and lungs have adapted to be useful at sea level. If we head too far underwater, the pressure will crush them. We wouldn't even have to go very deep - around 100m for any length of time beyond a few seconds could be fatal.

We are also pretty rubbish with heights. The air gets thinner as you get higher, and humans soon succumb to oxygen deprivation. On top of that, we sweat more than most animals, so we lose a lot of water when we get too hot. This can lead to strokes. We've also lost most of our hair, so we can't retain heat well at all - this rules out living in exceptionally cold places.

In fact, if we hadn't developed things like clothing, we'd barely be able to live anywhere. As it is, humans can only live on around 4% of the Earth's surface!

# FOCUS ON - WORD

**1** Underline the suffixes in each of the words below.

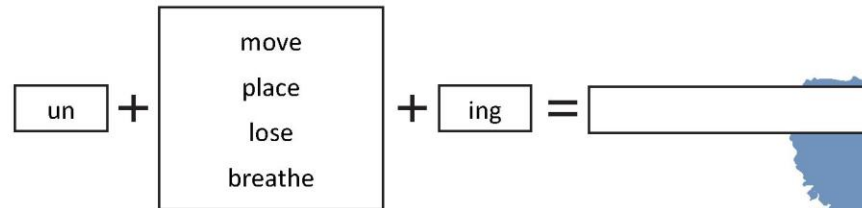
- useful
- dangerous
- deprivation
- unforgiving

**2** Which word means the same as dangerous?  
Tick one.

- precarious
- serious
- furious
- obnoxious

**3** Unforgiving uses a prefix and a suffix.

Make one more word which uses the same prefix and suffix.



# FOCUS ON - SENTENCE

- 1** Rewrite the sentence below with the main clause at the start.

Because of the way we have adapted, we can no longer breather water.

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- 2** Replace the underlined word with a different modal verb and retaining the meaning of the sentence.

If we head too far underwater, the pressure will crush our lungs.

- 3** Write the original words.  
Use the text to support your answers.

original words	contracted word
	we've
	can't
	hadn't
	we'd



## Answers - Human Adaptations

### WORD

1. useful

dangerous

deprivation

unforgiving

2. 1st option – precarious

3. unmoving

### SENTENCE

1. We can no longer breathe water because of the way we have adapted.

2. If we head too far underwater, the pressure would crush our lungs.

3. we have = we've

cannot = can't

had not = hadn't

we would = we'd

## Multiply 4-Digits by 2-Digits

4. Mrs. Peters gives three of her children a calculation each.



**Andrew**

$$21 \times 4,143$$



**Belinda**

$$2,123 \times 24$$



**Charles**

$$12 \times 7,133$$

Which pupil has the smallest answer?



VF  
HW/Ext

5. A bakery sells boxes of cupcakes. There are 16 cupcakes in a box.

Last year, the bakery sold 1,521 boxes. How many cupcakes did they sell?



The bakery also sells muffins with sprinkles on the top. In one month, they used 2,138 sprinkles.

How many sprinkles will they use in the whole year?



VF  
HW/Ext

6. Melanie is using the following digit cards to complete a multiplication calculation.



She uses three of the digits in this calculation:

$$\begin{array}{r} \square, 2 \square 1 \\ \times \quad 1 \square \\ \hline \end{array}$$

Melanie wants to find calculations which have answers between 25,000 and 35,000.

Find three calculations she could use.



RFS  
HW/Ext

Homework/Extension  
Multiply 4-Digits by 2-Digits

Expected

4. Belinda

5. 24,336 cupcakes; 25,656 sprinkles

6. Various answers, for example:  $2,211 \times 13 = 28,743$ ;  $2,231 \times 13 = 29,003$ ;  $2,211 \times 14 = 30,954$ ;