Year 4

Week 1 Activities

Day 1 Lesson 1 *(answers in back of booklet)*

Maths- Multiplying by 10

Multiplying by 10 and 100

Multiplying by 1, 10, or 100

- When you **multiply** by 1 the answer stays the same. 21 × 1 = 21.
- When you **multiply by 10**, move all the digits one place to the left, putting a zero in the empty space. 21 × **10** = 210.
- When you **multiply** by **100**, move all the digits two places to the left, putting a zero in the empty spaces.

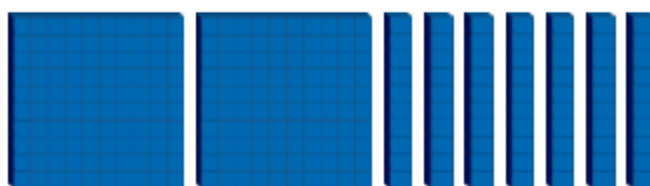**5b. Complete the calculation represented by the image below.**

☐ x ☐ = ☐
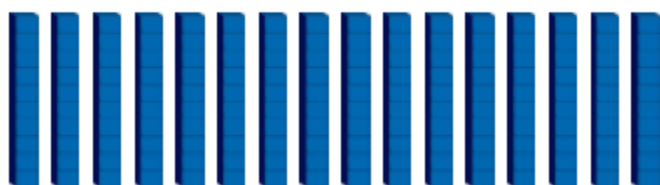
VF

9b. Complete the calculation represented by the image below.

☐ x ☐ = ☐

VF

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4. Complete the inequality statement using the options below.
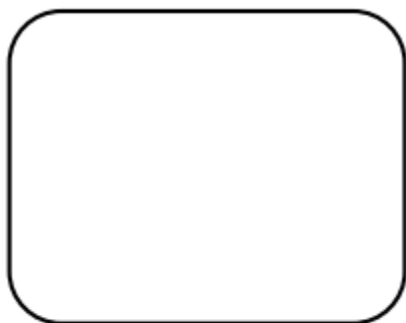
H	T	O
100	10 10	
	10 10	
	10 10	
	10 10	

☐ <

A.
22 lots of 10

B.

C. 50 50 50 50 50
50 50 50 50 50

VF
HW/Ext

6. Mr Parker orders 10 boxes of reading records. There are 37 in each box.

The school has 375 children altogether.

Explain Mr Parker's mistake.

Multiply these numbers by 10

5   5.6

30   340

45

Day 1 Lesson 2 *(answers in back of booklet) GPS Word families*

Word families are groups of words that have a common feature, pattern or meaning. They usually share a common base or root word, to which different prefixes and suffixes are added.

In KS2 children will learn about root words, prefixes and suffixes.

For example, the root word happy might have a prefix added (*un*happy) or might have a suffix added (happi*ness*).

The words happy, unhappy, happiness could be considered to belong to the same word family.

5a. Use the words below to complete the following sentences.

A. George was the _____ boy in the world because he won a game design competition.

B. The young couple were filled with _____ on their wedding day.

happiness	happiest

VF

6a. True or false?

Manage, management and manager belong to the same word family.

VF

7a. What does the root word <u>fold</u> mean in the word family below?

folder	unfold	folding

bend ☐

stretch ☐

have ☐

VF

8a. Tick the suffixes that can be used with the root words below to make a new word.

root word	-ful	-ly
play		
extreme		
beauty		
angry		

VF

Day 1 Lesson 3 *(answers in back of booklet)*

Reading comprehension practice.

Multiple Choice

Every Friday, we are set the daunting challenge of completing homework by a given deadline. Make your homework worries a thing of the past by following these simple instructions.

Essential Equipment
Pencil, rubber, ruler, dictionary and calculator.

Instructions
1. Listen carefully when your teacher goes through instructions and examples.
2. Attempt your homework on the day it is given; it will still be fresh in your mind.
3. Ensure your homework is completed neatly.
4. If you find your homework too tricky, ask for help.
5. Ask for help sooner rather than later; asking for help on the morning a task is due in will never be appreciated.
6. Join a homework club if one is available. It will help focus your mind on the task and there will always be plenty of support for you.

Now what are you waiting for? Get that homework done!

- Circle the correct option to complete each sentence below.

It is helpful to have some essential equipment available, such as…

a computer.	a dictionary.	a television.	a parent.

Listen carefully to…

instructions.	gossip.	friends.	distractions.

The word 'tricky' is a synonym of…

simple.	easy.	difficult.	mysterious.

At homework club, you will always receive…

snacks.	friendship.	stickers.	support.

Start your homework on the day it is…

due in.	given.	over due.	required.

Day 2 Lesson 1 *(answers in back of booklet)*

Maths- multiplying by 100.

6a. Match each calculation with the correct answer.

A.

13 x 100

300

B.

30 x 100

1,300

C.

3 x 100

3,000

E   VF

7a. Which statements are correct?

A. 42 x 100 > 24 x 100

B. 16 x 100 = 100 x 16
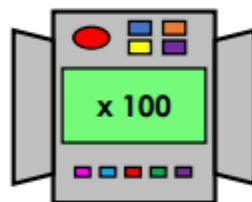
C. 51 x 100 < 19 x 100

E   VF

4. Jade has not finished her homework. Each number should be multiplied by 100. Add the missing numbers to complete Jade's homework.

A. 71

B. 82

C. 17

D. 64

x 100

E   VF   HW/Ext

6. Some of the following numbers have been multiplied by 100.

42	19	27	91	65	56

2,700	1,900	6,500

4,200	5,600

The answers have been jumbled up. Which number has not been multiplied by 100? Prove it.

Multiply these numbers by 100

3   230

40   456

34

Day 2 Lesson 2 *(answers in back of booklet)*

GPS- Words ending in –sure –ture and –cher

4a. Which sentence has the correct spelling of the underlined word?

A. My favourite wild <u>creacher</u> is an African elephant, due to its loyalty to other elephants in its herd.

B. My favourite wild <u>creature</u> is an African elephant, due to its loyalty to other elephants in its herd.

VF

4a. Rewrite the sentence below and correct the spelling mistakes.

This afternoon, I painted a picher of a small furry creacher for my teacher, as meerkats are his favourite.

A

5a. Match the start of each word to the correct spelling of the full word.

Start	Full Word
vou	voucher
	vouture
depar	departure
	deparcher
plea	pleature
	pleasure

VF

5a. Create your own multi-clause sentence using one word from each column in the word bank. Include at least two adjectives in your sentence.

departcher	voucher
fracture	treature

Hint: some of the words in the word bank are spelt incorrectly!

6b. Complete the sentence using the correct word from the word bank below.

As I lay shivering in my little bed, every joint in my body ached and my throat felt like it was on fire, so my dad decided to take my _____ before ringing the doctor.

| temperature | temperacher |

VF

Day 2 Lesson 3 *(answers in back of booklet)* Reading- comprehension

What Does This Word or Phrase Suggest?

Top tips for starting a new school
06/09/2016 09:30 am
By Josie Jones

Tip One: The internet is your friend! Take a look at the school website before your first day. Familiarise yourself with the daily routine; memorise the floor plan and locate your classroom; and most importantly, read about your teachers – forewarned is forearmed!

Tip Two: It's ok to be shy and nervous! You will be pushed completely out of your comfort zone and even the most confident person will find it a struggle. I can guarantee that at least one person will come and talk to you. Make the effort to talk back. Be open and honest about your feelings and make sure you ask them questions. Most people are only too happy to help.

Tip Three: Chin up and smile! Chances are that people will smile back! People are more likely to approach you if they see a welcoming face. If you appear solemn and have your eyes fixed on the floor, it will discourage people from approaching you. Remember – these are exciting times! Just think of all the new friends you are about to meet.

Good luck and stay strong!

- What did the author mean when she suggests that 'forewarned is forearmed'?

  _____

  _____

- 'I can guarantee that at least one person will come and talk to you.' Why do you think the author uses the word 'guarantee'?

  _____

  _____

- 'If you appear solemn and have your eyes fixed on the floor...' Explain what impression this might give to other people.

  _____

  _____

Day 3 Lesson 1 *(answers in back of booklet)* Reading- comprehension

Find and Copy Examples

Dear Sir/Madam,

I am writing to you regarding the disastrous birthday party you were responsible for organising on Saturday 23rd April.

Firstly, we were promised music and laser lights whilst we bowled. There was definitely music but it has been a while since my 11 year old daughter has enjoyed listening to 'I'm a little teapot'. As for the laser lights, my son could have done a better job with a torch.

Secondly, someone forgot to clean up some juice which had been spilt on the floor. One member of our party slipped over which resulted in a trip to hospital and six weeks with a wrist in plaster.

Thirdly, several children were violently sick after eating the inedible food you provided. The burgers were practically raw and the pizza can only be described as soggy. Then, as if things couldn't have got any worse, some of my daughters presents went missing. No one should be reduced to tears on their birthday.

I require an immediate response to this letter, outlining how you intend to compensate my daughter for having ruined her special day.

Yours faithfully,
Mrs Jones

1. FIND and COPY three words that describe the food.

----

2. FIND and COPY one group of words that describes how poorly some members of the party were.

----

3. FIND and COPY one group of words that suggests Mrs Jones wanted a quick reply.

Day 3 Lesson 2 *(answers in back of booklet)*

GPS- Adding '-ation', '-sion', '-ssion', '-tion' or '-cian'

5a. Complete each word by linking the start to the correct ending.

explo	ation
expre	sion
dieti	ssion
don	tion
irrita	cian

5b. Complete each word by linking the start to the correct ending.

admi	ation
rel	sion
pollu	ssion
revi	tion
opti	cian

6a. Choose the correct word to complete the sentence below.

Cara spoke clearly but she could still see the _____ (confution/confusion) in his eyes.

6b. Choose the correct word to complete the sentence below.

We were late due to a serious _____(collision, collission) on the main road this morning.

7a. Add the correct suffix to the root word below. You may need to change letters!

admit

-cian   -tion   -ssion

8a. Underline the suffix in the word below.

completion

Find 3 other words which include the same ending.

Day 3 Lesson 3 *(answers in back of booklet)*

Maths- dividing by 10

6a. Match each calculation to the correct answer.

A. $\div$ 10   1. 62

B. $\div$ 10   2. 17

C. $\div$ 10   3. 23

6b. Match each calculation to the correct answer.

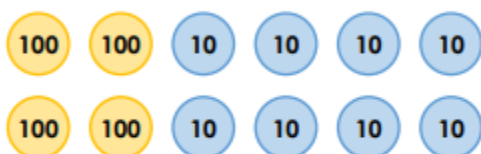A. $\div$ 10   1. 55
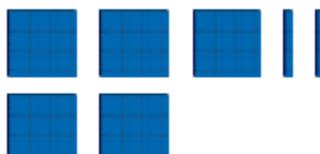
B. $\div$ 10   2. 27

C. $\div$ 10   3. 12

4. Are the statements below true or false?

A. $480 \div 10 = 48$

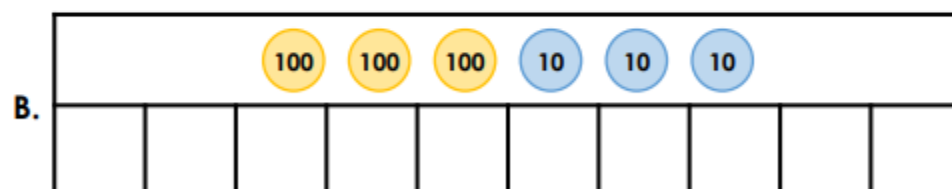B. $520 \div 10 = 5{,}200$

C. $890 \div 10 = 89$
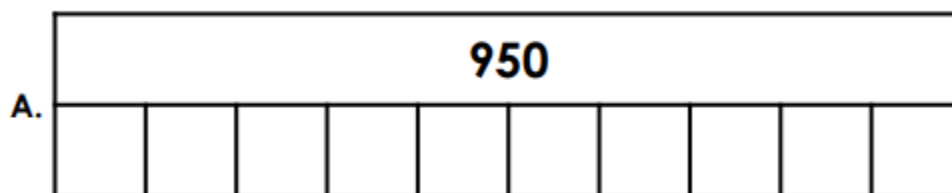

D. $710 \div 10 = 700$

5. Complete the bar models below.

A.

950

B.

(100) (100) (100) (10) (10) (10)

Divide these numbers by 10

230   30

340   40

235   34

Day 4 Lesson 1 *(answers in back of booklet-*

Maths-Dividing by 100

6a. Divide the number below by 100.

5,300

E · VF

7a. Choose the correct number to complete the calculation below.

| 6,200 | 620 | 2,600 |

☐ ÷ 100 = 62

E · VF

8a. Theo is converting measurements from cm to m.

8,400 ÷ 10 = 840

8,400 ÷ 100 = 84

8,400 x 10 = 84,000

Tick the correct calculation.

E · VF

5. Tick the incorrect calculations.

A.
8,200 ÷ 100 = 820 ÷ 10 =

8 tens and 2 ones

B.
340 ÷ 100 = 3,400 ÷ 100 =

3 tens and 4 ones

C.
210 ÷ 10 = 2,100 ÷ 10 =

2 tens and 1 one

6. True or false?

Both 7,900 ÷ 100 and 490 ÷ 10 give an answer that has 9 ones.

Is Jacob correct? Prove it.

Divide these numbers by 100

| 8500 | 90 | 567 |
| 900 | 9 | 56 |

Day 4 Lesson 2 *(answers in back of booklet)*

GPS- Adding suffixes

Suffixes are a letter or group of letters that go at the end a word and change or add to the words meaning while prefixes go at the beginning. **Suffixes** can reveal if a word is a noun, adjective, adverb or a verb. ... Prefixes and **Suffixes** are important for **KS2** students to learn.

5a. Add the endings to the words below to create a new word.

enclose	-sure	→	
preach	-cher	→	
danger	-ous	→	
please	-sure	→	

You may need to remove, add or change letters!

☆ E   VF

6a. Circle the word that the ending -ous can be added to.

     poison   **basic**

Write the new word.

☆ E   VF

7a. Underline the two words which do not have the correct suffix in the sentence below.

The famoose mathematician humblee received his award.

☆ E   VF

8a. Use your knowledges of suffixes to complete the table below.

root word	root word + suffix
courage	
	preparation
	stretcher
poach	
exact	

☆ E   VF

5a. Scarlett has written the sentence below. Underline the two words which are not spelt correctly.

The politition needed to order

furnicher for his new office

immediately.

Rewrite the sentence using the correct spellings.

☆ E   A

Day 4 Lesson 3 *(answers in back of booklet)* Reading- comprehension

Fact or Opinion?

Snakes can be wondrous and awe-inspiring. Many consider them to be a creature to fear and avoid, whilst some believe them to be full of grace and beauty. As well as being a fearsome predator in the wild, snakes can also be a fun pet to care for at home.

Whatever you think of snakes, there are currently more than 3000 different species and at least one type of snake can be found in every continent – except for Antarctica. This is because, as a reptile, snakes are cold-blooded: they do not produce their own body heat. Any snake living in Antarctica would freeze to death rapidly.

Snakes come in a variety of sizes. The thread snake will only grow to about 3.9 inches long, whereas the reticulated python can grow to longer than 6 metres!

Snakes are carnivorous, meaning that they consume meat. Some people believe that all snakes kill their prey with venom. Only a few species do this, such as the cobra and viper. Most snakes will eat their prey whole. A snake's jaw is capable of unhinging, so that it can swallow prey 75% larger than itself.

Using information from the text, tick one box in each row to show whether each statement is a FACT or OPINION.

	Fact	Opinion
Snakes can be wondrous and awe-inspiring.		
There are currently more than 3000 different species of snake.		
Snakes are full of grace and beauty.		
Snakes can also be a fun pet to care for at home.		
Snakes are carnivorous, meaning that they consume meat.		
A snake's jaw is capable of unhinging, so that it can swallow prey 75% larger than itself.		

Day 5 Lesson 1 *(answers in back of booklet)* Maths- Roman numerals

Roman numerals are the numbers that were used in ancient Rome, which employed combinations of letters from the Latin alphabet (I, V, X, L, C, D and M). Numbers are represented by combinations of the following symbols: ... The symbols are then added together, for example, I + I + I, written as III, is 3.

There are just 7 Roman numerals: I, V, X, L, C, D and M.

Unlike most other number systems, the numerals can only be used in particular sequences.

Another rule is that apart from M, you can only have a maximum of 3 of any given numeral in a row.

Here is a quick overview of the 7 Roman numerals and what each is worth.

Roman Numerals	Value
I	1
V	5
X	10
L	50
C	100
D	500
M	1000

Number	Roman Numerals		
1	I	25	XXV
2	II	26	XXVI
3	III	27	XXVII
4	IV	28	XXVIII
5	V	29	XXIX
6	VI	30	XXX
7	VII	31	XXXI
8	VIII	32	XXXII
9	IX	33	XXXIII
10	X	34	XXXIV
11	XI	35	XXXV
12	XII	36	XXXVI
13	XIII	37	XXXVII
14	XIV	38	XXXVIII
15	XV	39	XXXIX
16	XVI	40	XL
17	XVII	41	XLI
18	XVIII	42	XLII
19	XIX	43	XLIII
20	XX	44	XLIV
21	XXI	45	XLV
22	XXII	46	XLVI
23	XXIII	47	XLVII
24	XXIV	48	XLVIII
25	XXV	49	XLIX
		50	L

4. Complete the calculations in the table below

Numerals		Roman Numerals		Words
26	+		=	forty
69	-	LV	=	
24	+		=	eighty-five
	-	XCVIII	=	two

5. The numbers below are increasing by seventeen each time. Complete the three missing Roman numerals in the number sequence below.

+ 17   + 17   + 17   + 17

| | XXIII | XL | | |
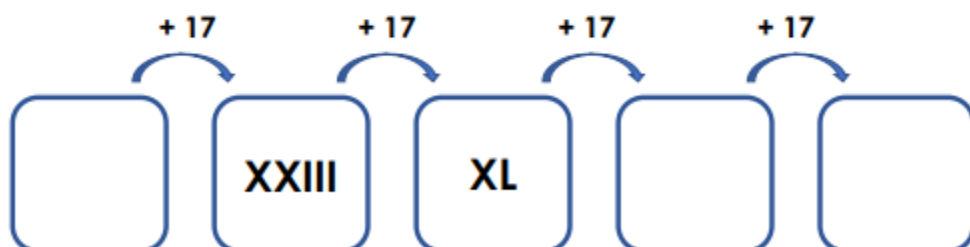
6. Harry and Megan are discussing Roman numerals.

Harry: I think that XL = 60 because 10 + 50 = 60.

Megan: I think that XL = 40 because 50 – 10 = 40.

Who is correct? Explain your answer.

Day 5 Lesson 2 *(answers in back of booklet)* Reading- comprehension

Find and Copy Examples

A Brief History of Bowling

Bowling is one of the most popular sports in the world and it has been around much longer than you would imagine. It is possible to trace the origins of bowling back to 3200 BC, thanks to the discovery of objects found in a child's grave in Egypt. The objects, discovered by Sir Flinders Petrie in 1930, appeared to be used for a very early form of bowling. A German historian, named William Pehe, discovered evidence that bowling began in Germany around 300 AD. In the United Kingdom, there is evidence to suggest that Edward III banned the game in 1366.

By the late 1800s, bowling had become immensely popular across the many states of America. By 1951, pinboys (people who put the pins back up again after they have being bowled over) had been replaced by automatic pinspotters.

Today, the sport is enjoyed by millions of people in more than 90 countries. Bowling provides a great opportunity for friends and family to join together for a bit of competitive fun.

1. FIND and COPY one group of words that suggests experts are not 100% certain the objects found in the child's grave were used for bowling.

----

2. FIND and COPY one word that describes how popular bowling was in America.

----

3. FIND and COPY one word that means the same as 'roots'.

----

4. FIND and COPY one word that describes an object as working by itself, with little or no direct human control.

----

5. FIND and COPY one word which means the same as 'chance' or 'occasion'.

Day 5 Lesson 3 *(answers in back of booklet)*

GPS- Using standard English

5a. Underline the correct form of the verbs in the passage below.

The little girl didn't know what she had did/done when she accidentally started the fire. The firemen was/were very brave and rescued her from the house.

☆ E   VF

5b. Underline the correct form of the verbs in the passage below.

Fran put down her pencil when she had did/done all the questions and she was certain that she were/was the first to finish.

☆ E   VF

6a. True or false? The sentence below is written in Standard English.

After lunch, Susan were going to complete the painting that she had started earlier.

☆ E   VF

6b. True or false? The sentence below is written in Standard English.

Even though it was only February, the woman had done all of her summer holiday planning.

☆ E   VF

7a. Complete the sentence below with the correct past tense form of the verbs 'to be' or 'to do'.

Even though I _____ scared of heights, I decided that I _____ want to go on the biggest rollercoaster.

☆ E   VF

8a. Sort the sentences below into the correct columns.

A. He done well in the maths test.
B. Lisa were really miserable about it.
C. On Monday, Finn did a dance.
D. They was not going to make it on time.
E. The teams were doing very well.

Standard English	Non-Standard English

☆ E   VF

Answers_{Day 1}

L1

Expected
5b. 16 x 10 = 160

9b. 27 x 10 = 270

Expected
4. B
5. Alfie
6. He is incorrect, because ten lots of 37 books would be 370 books, so he would need five more books.

5 x 10 = 50

30 x 10 = 300

45 x 10 = 450

5.6 x 10 = 56

340 x 10 = 3400

L2

Expected
5a. A: happiest; B: happiness
6a. true
7a. bend
8a. playful, beautiful; angrily, extremely

L3

- Circle the correct option to complete each sentence below.

It is helpful to have some essential equipment available, such as…

a computer.	a dictionary.	a television.	a parent.

Listen carefully to…

instructions.	gossip.	friends.	distractions.

The word 'tricky' is a synonym of…

simple.	easy.	difficult.	mysterious.

At homework club, you will always receive…

snacks.	friendship.	stickers.	support.

Start your homework on the day it is…

due in.	given.	over due.	required.

Day 2

L1

6a. A = 1,300; B = 3,000; C = 300
7a. A and B are correct.

4. A = 7,100; B = 8,200; C = 1,700; D = 6,400

6. 91 has not been multiplied because 91 x 100 = 9,100 and there is no answer for 9,100.

3 x 100 = 300   230 x 100 = 23000

40 x 100 = 4000   456 x 100 = 45600

34 x 100 = 3400

L2

4a. B
5a. voucher, departure, pleasure

6b. temperature
_____
4a. This afternoon, I painted a **picture** of a small furry **creature** for my teacher, as meerkats are his favourite.
5a. Various answers, for example: After the dastardly pirates' departure, the king realised that his precious treasure had been stolen and immediately gave chase.

L3

- What did the author mean when she suggests that 'forewarned is forearmed'?
This means that if you know about something beforehand, you can prepare for it. You may discover important information about what your new teachers like and dislike so you can prepare to impress them.

- 'I can guarantee that at least one person will come and talk to you.' Why do you think the author uses the word 'guarantee'?
The word 'guarantee' is a formal promise or assurance that something will happen. This word is meant to assure you that someone will definitely come and talk to you.

- 'If you appear solemn and have your eyes fixed on the floor...' Explain what impression this might give to other people.
The word 'solemn' means serious or firm. A person who refuses to make eye contact and appears solemn may come across as rude or aloof. You may give the impression that you don't want people to talk to you so you may find it hard to make new friends.

Day 3

L1

L2

5a. explosion, expression, dietician, donation, irritation

5b. relation, revision, admission, pollution, optician

6a. Cara spoke clearly but she could still see the confusion in his eyes.

6b. We were late due to a serious collision on the main road this morning.

7a. admission

8a. Completion and three other answers e.g. ambition, attention, condition.

L3

6a. A.3, B.1, C.2

6b. A.1, B3, C.2

Expected
4. A – True; B – False, 520 ÷ 10 = 52; C – True; D – False, 710 ÷ 10 = 71
5. A – 95 in each segment, B – 33 in each segment

230 ÷ 10 = 23

30 ÷ 10 = 3

340 ÷ 10 = 34

40 ÷ 10 = 4

235 ÷ 10 = 23.5

34 ÷ 10 = 3.4

Day 4

L1

6a. 53
7a. 6,200
8a. 8,400 ÷ 100 = 84

L2

5a. enclosure, preacher, dangerous,
pleasure
6a. poison<u>ous</u>

7a. The <u>famoose</u> mathematician <u>humblee</u>
received his award.
8a. courageous, prepare, stretch,
poacher, exactly

5a. The <u>politician</u> needed to order <u>furniture</u>
for his new office immediately.

L3

Using information from the text, tick one box in each row to show whether each
statement is a FACT or OPINION.

	Fact	Opinion
Snakes can be wondrous and awe-inspiring.		✓
There are currently more than 3000 different species of snake.	✓	
Snakes are full of grace and beauty.		✓
Snakes can also be a fun pet to care for at home.		✓
Snakes are carnivorous, meaning that they consume meat.	✓	
A snake's jaw is capable of unhinging, so that it can swallow prey 75% larger than itself.	✓	

Day 5

L1

4.

Numerals		Roman Numerals		Words
26	+	XIV	=	forty
69	-	LV	=	fourteen
24	+	LXI	=	eighty-five
100	-	XCVIII	=	two

5. VI; XXIII; XL; LVII; LXXIV
6. Megan is correct. When X is placed before L, it represents 10 less than 50 (40).

L2

1. FIND and COPY one group of words that suggests experts are not 100% certain the objects found in the child's grave were used for bowling.

appeared to be

2. FIND and COPY one word that describes how popular bowling was in America.

immensely

3. FIND and COPY one word that means the same as 'roots'.

origins

4. FIND and COPY one word that describes an object as working by itself, with little or no direct human control.

automatic

5. FIND and COPY one word which means the same as 'chance' or 'occasion'.

opportunity

L3

Expected
5a. done, were
6a. False; the sentence should use 'was'.
7a. was; did

Expected
5b. done, was
6b. True

8a. Standard English: C, E
Non-Standard English: A, B, D