Academy Closure – July 2021

The Whitley AP Academy

Please remember to submit all completed learning to the Remote Learning account of the Academy, the email address is:

- Remote-Learning@twapa.co.uk

Year 5 & 6 Work English

Prepositions
LO: I can use prepositions effectively.

Follow this link to a recorded lesson:
To explore prepositions (thenational.academy)

To explore prepositions further (thenational.academy)

In these lessons, you will begin by revising some spelling rules. Then, you will practise identifying main and subordinate clauses. Next, you will explore what a preposition is and apply our knowledge through a range of questions.

Expanded Noun Phrases
LO: I can use expanded noun phrases effectively.

Follow this link to a recorded lesson:
To explore expanded noun phrases (thenational.academy)

In this lesson, we will explore the purpose and rules of using expanded noun phrases and practise writing them, using a range of ambitious vocabulary.

Descriptive Writing
LO: I can develop basic characters, settings, and plots.

Make a list of things that might have happened just **before** you took the photo.

Make a list of things that might have been happening **while** you were taking the photo.

Make a list of things that might happen **after** you have taken the photo.

Once you have these three lists, this is the planning for your writing piece. You will write a descriptive piece of writing relating to the photo.

Remember, to use subordinating conjunctions (after, because, if, since, so, unless, until, whereas, while – these are some examples) to help expand your sentences with more description and information as well as adjectives (describing words). You can refer to the videos from your last two lessons to help make your writing more interesting. Imagine you are writing this for your favourite person after it happened to you – is it interesting and exciting to read? Also think about your senses. Can you taste, smell, touch or hear anything? Not just thinking about what you can see.

Spellings

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LO: I can use Year 3 and 4 terminology and apply it.

Your spellings this week are circle, complete, consider, continue, and decide.

1) Circle or write down the correct spelling of each word from the red words sheet.

2) Underline the mistakes and rewrite the sentences correctly on the lines provided.

3) Using a dictionary or definitions from online, write the definitions of each word and then, draw a picture that links to each word.

Spellings
LO: I can use Year 3 and 4 terminology and apply it.

circle   circal   sircle   circel

compleate   complet   compleet   complete

consider   considir   concider   considre

kontinue   continew   continu   continue

deside   decid   decide   desside

Spelling detective!

The sircle is compleate.

Let's continew drawing.

I am going to considur my choices before I deside.
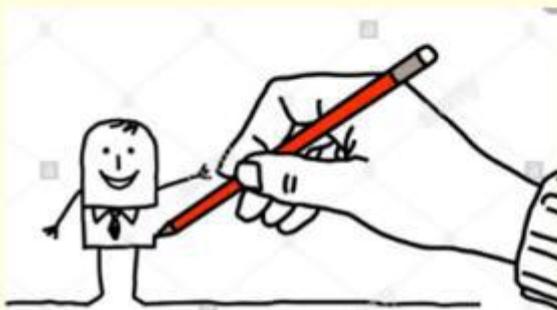
Underline my mistakes!

and re-write the sentences correctly.

_____

_____

_____

Can you draw a picture to represent what these words mean?

Can you write a definition?

circle, complete, consider, continue, decide

Descriptive Writing

LO: I can develop basic characters, settings, and plots

Past, Present or Future?

Look carefully at the picture. Imagine that it is a photograph that you have just taken.

1 Past	2 Present	3 Future
Make a list of things that might have happened just **before** you took the photo.	Make a list of things that might have been happening **while** you were taking the photo.	Make a list of things that might happen **after** you have taken the photo.

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Year 5 & 6 Work Maths

Order and compare numbers beyond 1000.
LO: I can order and compare numbers beyond 1000.

This lesson will cement your knowledge and understanding from the activities that you completed last lesson while incorporating reasoning and problem solving to challenge you. These may well be challenging for you, but I want you to have a go while reading the question properly.

Problem Solving
LO: I can solve two-step number problems and solve these using number facts, place value and addition and subtraction.

Follow this link to a recorded lesson:
Applying place value knowledge to problem solving (thenational.academy)

You are going to be solving a tricky word problem using our place value knowledge. Everything for this lesson is included in the link.
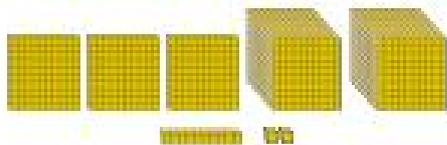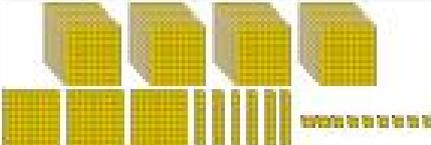
Rounding to 10
LO: I can round any number to the nearest 10 or 100 accurately.

Follow this link to a recorded lesson:
Rounding 2 and 3 digit numbers to the nearest 10 (thenational.academy)

You are going to be rounding both 2- and 3-digit numbers to the nearest 10 using number lines. This is to recap the work you have already done on rounding in the past.

Rounding to 100
LO: I can round any number to the nearest 10 or 100 accurately.

Follow this link to a recorded lesson:
Rounding 2 and 3 digit numbers to the nearest 100 (thenational.academy)

You are going to be rounding both 2- and 3-digit numbers to the nearest 100 using number lines. This is to recap the work you have already done on rounding in the past.
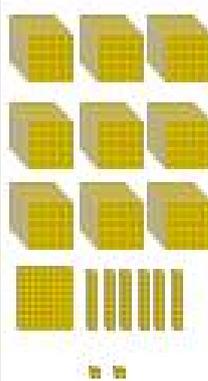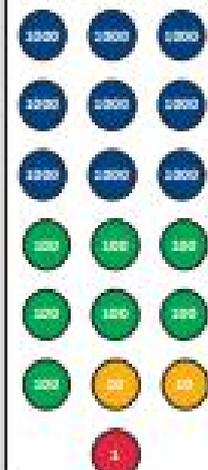
1) Use <, > or = to compare these numbers.

		2132
six thousand, four hundred and eighty-five		
169 4200		
		Th H T O table

2) Sort these numbers into descending order (greatest to smallest).

5126   5216   2156   2516   6521

_____ _____ _____ _____ _____

3) Sort these numbers into order, starting with the smallest. Write your answers using digits.

seven thousand, nine hundred and twelve		two thousand, one hundred and seventy-nine		Th H T O table

_____ _____ _____ _____ _____

1) Dana picked these four cards from a set of 0 – 9 digit cards. She arranged them to make as many 4-digit numbers as she could.

| 3 | 4 | 5 | 7 |

a) Leo says that the greatest number Dana could have made is 7453. Do you agree? Explain your reason.

_____

_____

_____

_____

b) Dana and Leo choose some numbers from Dana's list to compare using the < and > symbols. Who has written the most correct statements?

Dana	✓ or ✗
5347 > 5437	
4357 < 4375	
7345 < 7534	
3457 > 3475	
5437 < 5734	

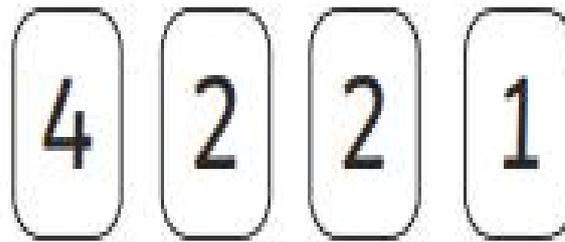| Leo	✓ or ✗
4375 > 4537	
5734 < 5743	
4537 > 4573	
5743 < 7543	
3574 > 3754	

c) Dana sorts the numbers on her list that are greater than 5000 but less than 6000 into descending order.

Look at her list below and explain the mistake she has made.

| 5734, 5743, 5437, 5473, 5347, 5374 |

_____

_____

_____

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Martin uses these digit cards to write as many four-digit numbers as possible.

Use the digit cards to make four-digit numbers to complete this comparison track.

Can you find more than one solution?

| 4 | 2 | 2 | 1 |

4221	>	1224	<		>	
V						V
∧						∧
V						∧
	<		>		<	

4221	>	1224	<		>	
V						V
∧						∧
V						∧
	<		>		<	

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KS2 Science

Mirrors and Reflection

When light from an object is reflected by a surface, it changes direction. It bounces off the surface at the same angle as it hits it.

Smooth, shiny surfaces such as mirrors and polished metals reflect light well. Dull and dark surfaces such as dark fabrics do not reflect light well.

LO: To explain what a reflection is

All	know what a reflection is
Most	understand how a periscope works

Connect
- How to humans see?
- How does light travel?
- What is a periscope?
- Why are mirrors useful?

Compete the quiz and watch the tutorial on reflection.

https://classroom.thenational.academy/lessons/what-is-reflection-and-how-can-we-use-it-6mt3gd

Complete the following tasks:

- Write down as many objects that show your reflection clearly.

KS2 Lesson 2

A source of light makes light. The Sun and other stars, fires, torches, and lamps all make their own light and so are examples of sources of light.

Some animals, such as fireflies and glow-worms, are light sources. They make their own light to attract mates.

Shadows

LO: To explain what a shadow is

All	know what a shadow is
Most	describe the shape of shadows

Some	explain the sizes of shadows

Answer the following questions:
- What is a shadow?
- What do shadows caused by the sun, look like midday?
- What do shadows caused by the sun, look like at 5pm?
- How does light travel?

Compete the quiz and watch the tutorial on shadows.

https://classroom.thenational.academy/lessons/what-is-light-and-where-does-it-come-from-6rv3je

Wider Learning

The BBC Bitesize Light and Dark web page has lots of video clips and
ideas on light, reflection and shadows.
This website contains useful animations of how shadows change,
and includes a statistics activity involving noticing patterns.
https://www.bbc.co.uk/bitesize/clips/z6fnvcw