

Phoenix Class

Reading – Please complete 10 minutes of reading each day

English – This is a set of 10 lessons based on persuasive writing around the theme of Healthy Eating.

Maths – This is a set of lessons on area and perimeter for the first 5 days and then lessons on 3D shapes for the next 5 days.

Day 1

English

L.O. To write comparative and superlative sentences.

<https://classroom.thenational.academy/lessons/to-understand-the-features-of-adverts-65k3ed>

In this lesson, you will look at an example of an advert and discuss its PALL - purpose, audience and language. You will then write your own sentences using a comparative and a superlative.

We usually add –er and –est to one-syllable words to make **comparatives** (*comparing 2 items e.g. Michael is old but Stanley is older*) **and superlatives**: old, older, oldest (e.g. *Michael is old, Stanley is older but Fred is the oldest*).

Spelling

L.O. To learn words from the Year3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

accident(ally)	actual(ly)
address	answer
appear	arrive
believe	bicycle
breath	breathe

Find the definition of each word and put in a sentence.

Maths

L.O. To understand what perimeter is.

<https://classroom.thenational.academy/units/area-and-perimeter-ea69>

Day 1

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Lessons 1 and 2

In these lesson videos you will be learning what perimeter is and how to calculate it and how to construct shapes using a given perimeter.

Science

L.O. To understand the importance of electricity in our lives.

Imagine a home without any electricity! Choose a room or area in your house to explore. It could be the area where you sleep, cook, wash or your lounge. Imagine how your life would be different if there were no electricity. As well as things that use electricity, think about how the quality of your life, or how your environment might be affected. Choose an interesting way of showing your ideas.

Day 2

English

L.O. To investigate the suffixes of – er and –est.

<https://classroom.thenational.academy/lessons/to-investigate-suffixes-more-er-and-est-suffixes-6rv6at>

In this lesson, you will further explore the rules associated with adding the suffixes -er and -est.

10 spelling words will be explained and set to learn.

Spelling

L.O. To learn words from the Year3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

build busy/business

calendar caught

centre century

certain circle

complete consider

Have a member of your family test you on these words. Did you get them all correct?

Maths

L.O. To convert between metres and centimetres.

<https://classroom.thenational.academy/units/area-and-perimeter-ea69>

Lessons 3 and 4

Today you are going to learn how to convert between metres and centimetres and then use this knowledge to calculate perimeter and how to calculate the perimeter of compound shapes.

Geography

L.O. To understand the lines of latitude and longitude.

Look online at <https://www.mapsofworld.com/world-maps/world-map-with-latitude-and-longitude.html> or look at an atlas or a globe. The world is split by imaginary lines which go across (latitude) or from top to bottom (longitude). Can you find which continents can be found on those lines.

Lines of latitude and longitude

Section A

Which CONTINENTS do these lines of latitude pass through?

- 1 0° (Equator) _____, _____, _____
- 2 20°S _____, _____, _____
- 3 40°N _____, _____, _____
- 4 40°S _____, _____
- 5 60°N _____, _____, _____
- 6 80°S _____
- 7 20°N _____, _____, _____

Section B

Which CONTINENTS do these lines of longitude pass through?

- 1 0° _____, _____, _____
- 2 60°E _____, _____
- 3 120°E _____, _____, _____
- 4 60°W _____, _____, _____
- 5 100°E _____, _____
- 6 120°W _____, _____

7 Which continent does ALL the lines of longitude pass through?

Section C

Which CONTINENT am I in?

- 1 40°N, 120°W _____
- 2 60°N, 100°E _____
3. 20°S, 140°E _____
- 3 0°, 60°W _____
- 4 80°S, 80°E _____
- 5 40°N, 20°E _____

6 20°N, 20°E _____

7 40°N, 80°E _____

8 60°N, 100°W _____

9 80°S, 100°W _____

10 20°S, 20°E _____

11 20°S, 120°E _____

Africa, Asia, North America, South America, Europe, Oceania, Antarctica

Day 3

English

L.O. To understand prepositions of time and place.

<https://classroom.thenational.academy/lessons/to-explore-prepositions-74t66r>

In this lesson, you will explore prepositions of place and time. First, you will look at some pictures of a koala, describe what its position is, and complete a short task filling in the missing prepositions of place. Then, you will identify when we use the prepositions 'at' 'in' and 'on' in relation to time and see if you can spot a rule. Finally, you will fill in the missing prepositions of time in some sentences.

Spelling

L.O. To learn words from the Year3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

continue	decide
describe	different
difficult	disappear
early	earth
eight (h)/eighth	enough

Write these words out putting the syllables in different colours e.g. beautiful

Maths

L.O. To calculate the perimeter of a composite shape.

<https://classroom.thenational.academy/units/area-and-perimeter-ea69>

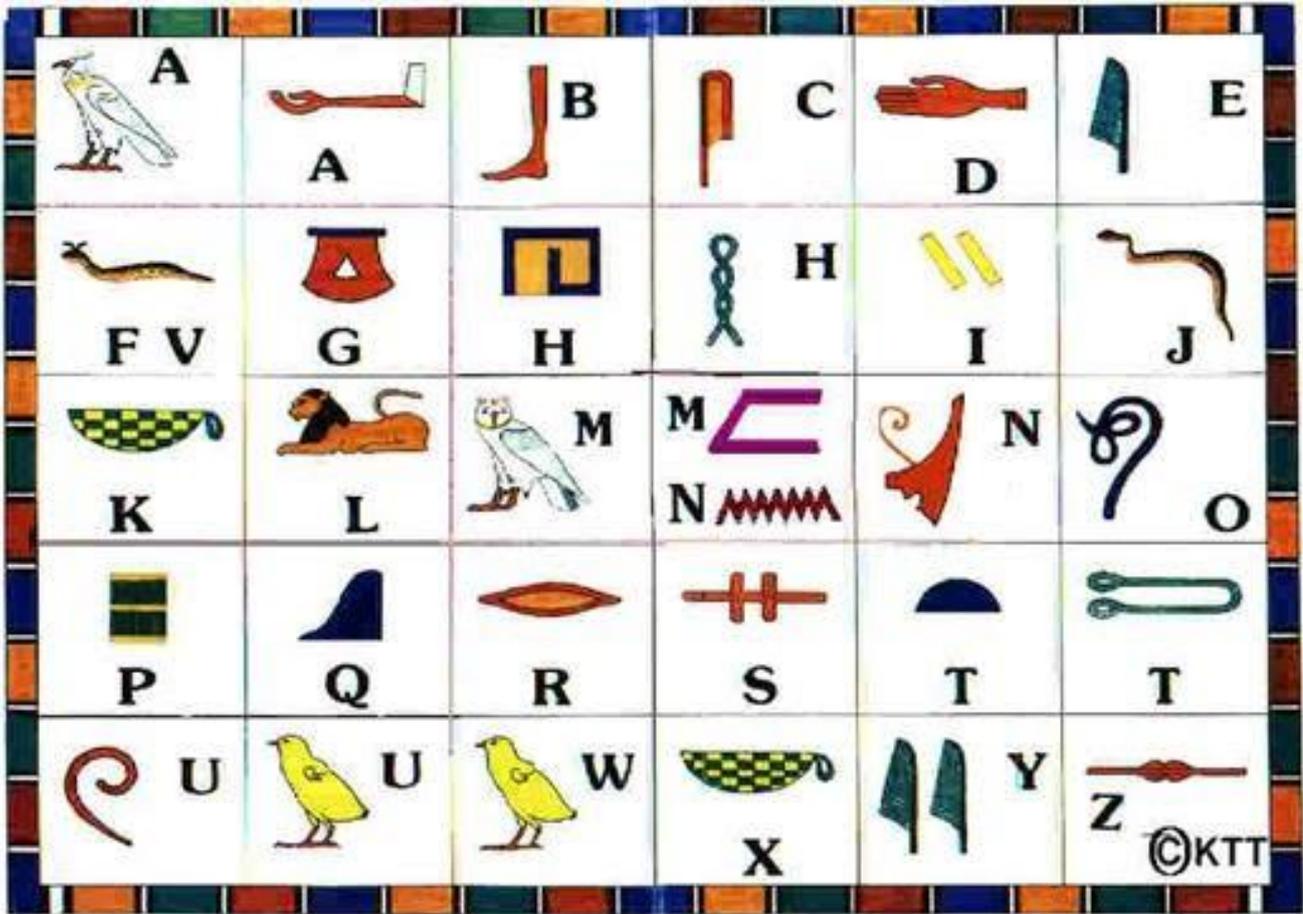
Lessons 5 and 6

Today you are going to learn how to calculate the perimeter of composite shapes and look at the difference between perimeter and area and learn a strategy for calculating area.

History

L.O. To understand how Ancient Egyptians communicated.

The Egyptians used a series of drawings to communicate called hieroglyphics. Can you use the guide below on Egyptians hieroglyphs to write your name out and then decorate with Egyptian patterns? You could even try to send a secret message to a member of your family to decipher (You do need to give them the symbol chart)



Day 4

English

L.O. To develop an understanding of scientific words.

<https://classroom.thenational.academy/lessons/to-develop-a-rich-understanding-of-words-associated-with-meals-crt64d>

In this lesson, you will sort healthy and unhealthy snacks. We will discuss a healthy diet and what foods make up a healthy diet. You will think about what makes a snack healthy. Scientific vocabulary will be introduced: protein, fibre, vitamins, minerals.

Spelling

L.O. To learn words from the Year 3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

exercise

experience

experiment

extreme

famous

favourite

February

forward(s)

fruit

grammar

Draw boxes around each word to help you with the ascenders and descenders and where they appear in the word.



Maths

L.O. To look at the difference between area and perimeter.

<https://classroom.thenational.academy/units/area-and-perimeter-ea69>

Lessons 7 and 8

Today you are going to look at the difference between perimeter and area and learn a strategy for calculating area and estimate area and then apply a formula to calculating area.

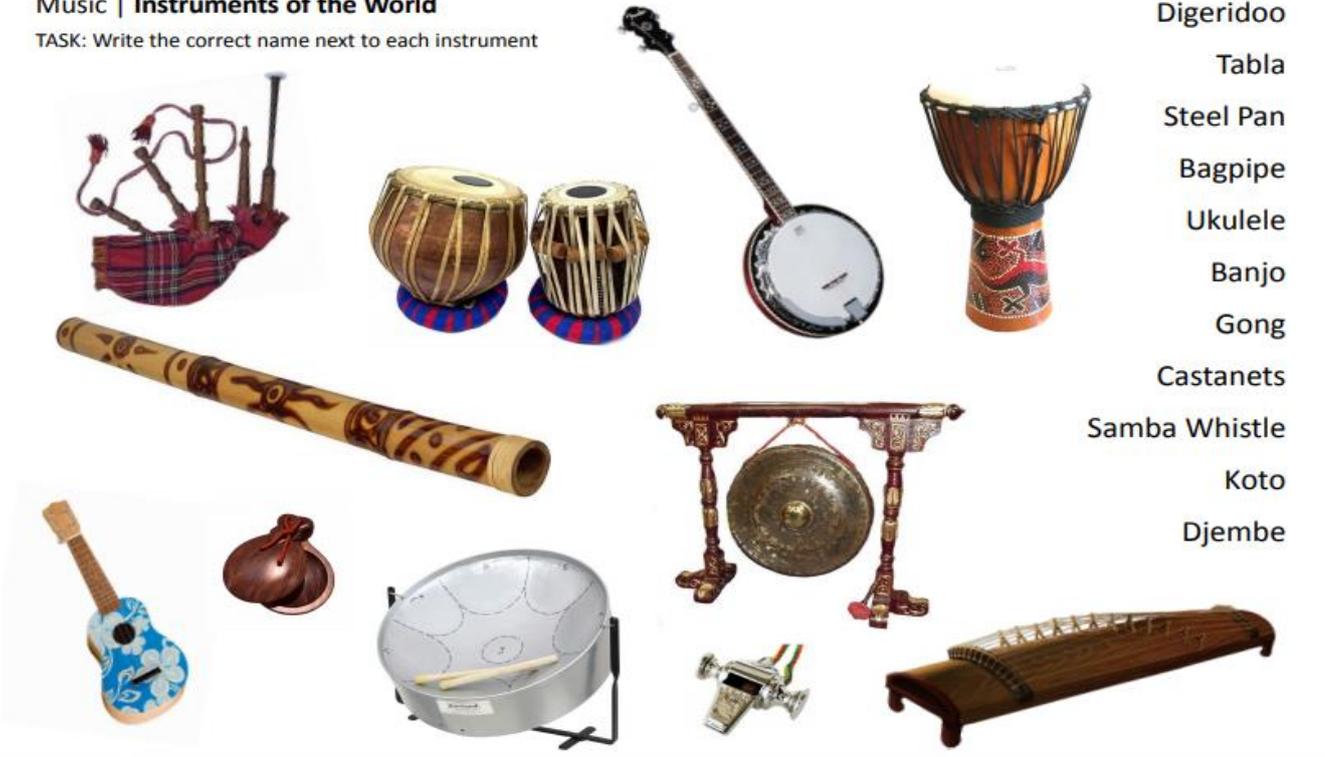
Music

L.O. To identify some instruments from around the world.

Can you match the names to the musical instruments from around the world and then research two of them. Where do they come from? What are they made from? When were they first used as an instrument?

Music | Instruments of the World

TASK: Write the correct name next to each instrument



The image displays ten distinct musical instruments arranged in a grid-like fashion. In the top row, from left to right, there is a bagpipe with a red and white plaid bag and several wooden pipes, two tabla drums with yellow and brown bodies and metal jingles, a banjo with a white face and dark neck, and a djembe drum with a brown body and a white head. The second row features a long, decorated didgeridoo, a large gong hanging from a wooden frame, and a small silver whistle. The bottom row includes a blue and white ukulele, a pair of castanets, a steel pan on a stand, and a koto with its characteristic long neck and bridges.

Digeridoo

Tabla

Steel Pan

Bagpipe

Ukulele

Banjo

Gong

Castanets

Samba Whistle

Koto

Djembe

English

L.O. To identify word pairs and synonyms.

<https://classroom.thenational.academy/lessons/to-develop-a-rich-understanding-of-words-associated-with-meals-crt64d>

In this lesson, you will be introduced to new vocabulary, identify word pairs and synonyms and apply the vocabulary in sentences.

Spelling

L.O. To consolidate your spellings

Using all the words learned this week, can you make a wordsearch containing all the words (Please do not create a computer generated one).

Maths

L.O. To calculate area in square metres and find missing lengths.

Lessons 9 and 10

<https://classroom.thenational.academy/units/area-and-perimeter-ea69>

Lessons 9 and 10

Today you will calculate the area of rectangles in square metres and find missing lengths given the area and investigate the relationship between area and perimeter and use this knowledge to solve problems.

R.E.

L.O. To create a Buddhist prayer flag.





Above are pictures of Tibetan Buddhist prayer flags and what the colours represent. Traditionally, prayer flags are used to promote peace, compassion, strength, and wisdom. Can you design your own four flags, one for peace, one for compassion, one for strength and finally one for wisdom? You can put anything you like on the flags but you must explain why you have designed it that way.

Day 6

English

L.O. To write persuasive sentences.

<https://classroom.thenational.academy/lessons/to-design-a-healthy-snack-6mwkad>

In this lesson, you will think about the snacks we eat and why we like them. You will look at an advert advertising an unhealthy snack, then think about healthy alternatives. Then, you will think of your own healthy snack and write a persuasive sentence about the snack you have designed.

Spelling

L.O To learn words from the Year 3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

group	guard
guide	heard
heart	height
history	imagine
increase	important

Write each word 5 times, switching the hand you write it with each time. Say the word as you spell it

Maths

L.O. To identify the names and properties of 3D shapes.

<https://classroom.thenational.academy/units/3d-shape-caba>

Today you will identify the names and properties of a range of 3-D shapes. You will apply this understanding to real-world 3-D based problem solving.

Art

L.O. To design a gateway.

These are photographs of the Meenakshi Amman Temple in Madurai, Tamil Nadu India. The temple consists of 14 towers called gopurams. Those big towers are not the sanctuary part of the temple, but gateway entrances. There are lots of amazing components of this temple, but the coolest part, is all of the sculptures covering the surfaces of the gopurams. There are an estimated 33,000 sculptures in the temple. Represented in the sculptures are brightly-painted gods, animals, and demons from the Hindu religion.

Design a gateway for your house, place of worship, school, etc. that has sculptures attached.



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Day 7

English

L.O. To apply knowledge of suffixes –er and -est

<https://classroom.thenational.academy/lessons/to-practise-and-apply-knowledge-of-suffixes-more-er-and-est-including-test-c8w64r>

In this lesson, you will be further practising and applying knowledge of the rules used when adding the suffix -er and -est.

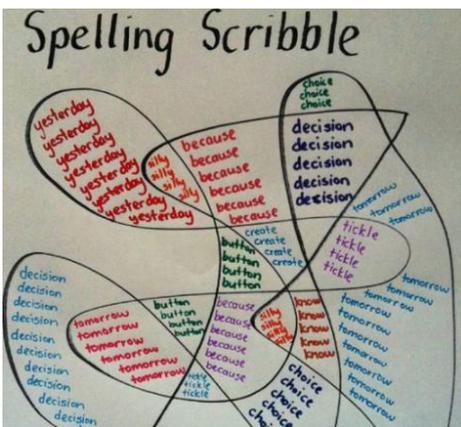
Spelling

L.O. To learn words from the Year 3 / 4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

- | | |
|-----------|----------|
| interest | island |
| knowledge | learn |
| length | library |
| material | medicine |
| mention | minute |

Then have a go at scribble spelling. Draw a big squiggle on a piece of paper and then fill each gap with a different word in a different colour. An example is below.



Maths

L.O. To look at similarities and differences of new 3D shapes.

<https://classroom.thenational.academy/units/3d-shape-caba>

Today you will be introduced to new 3-D shapes. We will discuss the properties of these shapes and determine how they are similar and different.

D.T.

L.O. To make your own wind turbine.

Many countries in the world depend on renewable energy for many reasons. This site leads you to a challenge of making your own wind turbine. It will need to lift a cup off the floor when powered by a hairdryer.

What will we need?

For the model: modelling equipment e.g. card, straws, paper, cotton reels, cocktail sticks, wooden skewers, pencils, sticky tape, plasticine, Blu-tack, string, and something to make holes with.

For testing: hairdryer, ruler, plastic cup or small container and pennies or weights e.g. lego bricks.

Possible design:



Day 8

English

L.O. To use persuasive vocabulary.

<https://classroom.thenational.academy/lessons/to-build-persuasive-vocabulary-to-use-in-our-advert-ctk3ed>

In this lesson, you will recap comparatives and superlatives. You will find alliteration, rhyme, adjectives and slogans. You will write your own slogans for your healthy snack.

Spellings

L.O. To learn words from the Year 3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

natural	naughty
notice	occasion(ally)
often	opposite
ordinary	particular
peculiar	perhaps

Then write your words using one colour for the vowels and another colour for the consonants.

(vowels: a, e, i, o, u)

Maths

L.O. To identify the properties of 3D shapes.

<https://classroom.thenational.academy/units/3d-shape-caba>

Today you will recap the key vocabulary used to describe 3D shapes and identify the properties of constructed 3-D shapes.

P.E.

This traditional and popular kids game from Republic of Korea: Kongki Noli is similar to the American "jacks." Player 1 scatters five small stones on the ground. He then picks one up and tosses it in the air and quickly tries to pick up another stone in time to catch the one he just threw. Now he has two in his hand; he throws one of the stones up in

the air, and picks up a third. This goes on until he has all the stones in his hand. In the second round, the player picks up two stones every time he throws one up. In the third round, he picks up three; four in the fourth, and the fifth time he picks them all up. For the game's last step, the player tosses all the stones in the air and tries to catch them on the back of his hand. Then he tosses them up again and tries to catch them in his palm. The number he catches is that player's score. If he fails to catch them all, it's the next person's turn.

Day 9

English

L.O. To write a complex sentences and use subordinating conjunctions.

<https://classroom.thenational.academy/lessons/to-write-complex-sentences-about-our-healthy-snack-60upct>

In this lesson, you will explore complex sentences and subordinating conjunctions. You will choose appropriate conjunctions for a range of sentences and look at examples of complex sentences. Then, you will write your own complex sentences using scientific vocabulary, comparatives or superlatives.

Spellings

L.O. To learn words from the Year 3 /4 spelling list.

Learn these spellings from the Year 3 / 4 spelling list

popular	position
possess(ion)	possible
potatoes	pressure
probably	promise
quarter	question

Then “write” your words by cutting letters out of a newspaper or magazine and gluing the letters on a piece of paper to spell your words.

Maths

L.O. To use your knowledge learned to problem solve.

<https://classroom.thenational.academy/units/3d-shape-caba>

Today you will recap the key vocabulary used to describe 3D shapes before applying your understanding of 3-D shapes to problem solving.

French

L.O. To understand French colours.

Below is a wordsearch on the French colours. Can you complete the wordsearch and write the English for each colour next to the French word.

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

BLANC

BLEU

GRIS

JAUNE

MARRON

NOIR

ORANGE

ROSE

ROUGE

VERT

VIOLET

Day 10

English

L.O. To create your own advert.

<https://classroom.thenational.academy/lessons/to-design-and-write-an-advertisement-for-a-healthy-snack-6cv34t>

In this lesson, you will use your knowledge of the features of advertisements to write your own advert for the healthy snack you designed.

Spellings

L.O. To consolidate your spellings.

Using all the words learned this week, can you make a crossword containing all the words (Please do not create a computer generated one).

Maths

L.O. To consolidate your learning on 3D shapes.

<https://classroom.thenational.academy/units/3d-shape-caba>

Today you will consolidate your learning of 3-D shapes by recapping: key vocabulary, properties of 3D shapes and application of 3D shape learning.

PSHE

L.O. To understand the differences between different cultures.

Below are some statements about a young boy called Ça Depend who lives in the Democratic Republic of the Congo. Can you write about the differences in his life to yours. If you would like to look at some photos to help with a better understanding you can find them at <https://www.actionaid.org.uk/school-resources/resource/meet-the-children-of-drc>

Ça Depend lives on the island of Idjwi. It is in Lake Kivu, in the east of the Democratic Republic of the Congo. It is the second largest inland island in Africa. It is halfway between mainland DRC and the neighbouring country of Rwanda. Ça Depend lives in his home with his grandparents, older brother and younger sisters. "I am ten years old and I live with my grandfather and grandmother. I have one brother and three sisters."

"I started school in September for the first time. Before, I didn't know how to count, how to learn, but now I am improving. I didn't go to school before because my grandmother couldn't afford to send us."

Ça Depend is in his classroom at school. "There are 70 children are in my class. On my first day of school I was very happy to wear my uniform and to go to school like other children. The first day I arrived, my heart felt clean"

“After school I do some work for the family. I have to look for wood and bring water from the lake or the water point.”

Ça Depend also does his homework after school. “I really want to continue school. When I grow up I want to be a director of the school. I want to continue studying so that I can change my family’s situation.”