



Kingswinford Academy

Year 6 Transition Activity Pack 2020

Year 6 Great English Challenge

Choose a character from your favourite book and create a character profile.

Bake a cake
Write your own recipe, using imperative sentences and instructional language.

You can see an example by following the link below:

<https://www.bbcgoodfood.com/recipes/classic-victoria-sandwich-recipe>

Create a bookmark for your private reading book.

You can find an example template by following the link below:

https://www.studyladder.co.uk/games/activity/bookmark-templates-33642?lc_set=

Use a photograph or painting from your home (or online) as inspiration for a short 300 word story or description.

Create a den and use this as inspiration for your own short story or poem.

Click on the link below for inspiration:

<https://www.noandnani.co.uk/den-building-ideas-for-the-best-dens-ever-i43>



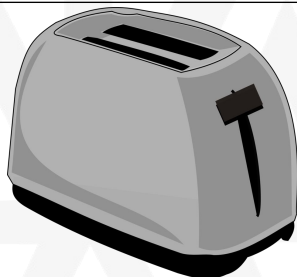
Year 6 Great English Challenge

<p>Write a letter to a key worker, thanking them for their hard work.</p> <p>Examples of key workers include: Doctors Nurses Paramedics Delivery drivers Police officers</p>	<p>Familiarise yourself with the 'Accelerated Reader Bookfinder' website:</p> <p>https://www.arbookfind.co.uk/UserType.aspx?RedirectURL=%2fdefault.aspx</p> <p>Find out what level the books you have been reading in Year 6 are and note these down.</p> <p>Share these with our school librarian (Mrs Hendy). She would love to hear about your reading!</p>	<p>Join your local library and get involved in their Summer Reading Challenge.</p> <p>See the official website below:</p> <p>https://summerreadingchallenge.org.uk/</p>	<p>Famous authors challenge:</p> <p>Read a book written by Roald Dahl Read a book written by Anthony Horowitz Read a book by Jacqueline Wilson</p>	<p>Check out:</p> <p>https://www.booktrust.org.uk/</p> <p>The recommendations are particularly useful:</p> <p>https://www.booktrust.org.uk/books-and-reading/our-recommendations/</p>
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Year 6 Great English Challenge

<p>Learn a poem off-by-heart.</p> <p>https://www.poetrybyheart.org.uk/</p>	<p>Find something in your house and bring it to life. What would the day in the life of a toaster look like?</p> <p>You might write this as a personification poem:</p> <p>http://missmaloned3.weebly.com/personification.html</p>	<p>A World From My Window...</p> <p>Create a short description of what you can see out of your window.</p> <p>Use sensory language to help you add detail. This might be real or imagined.</p>	<p>Sherlock Gnomes:</p> <p>Create the plot for a detective story that might happen in a garden near you!</p> <p>(It's up to you if you want to add gnomes!)</p>	<p>Check out:</p> <p>https://www.worldbookday.com/</p> <p>There is lots great stuff on there... even audiobooks!</p> <p>https://www.worldbookday.com/world-of-stories/</p>
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Year 6 Transition - Maths

When you start in Year 7, you will be introduced to an exciting piece of software called 'Grid Algebra'! Through this, you will build upon your knowledge of times tables to read, write and work with different expressions.







What's Algebra All About?

You might have heard your teacher or another adult talk about 'algebra'. If you have tackled problems where there were missing numbers then chances are you'll have been doing some algebraic thinking. If you have tried challenges which involved noticing a pattern, continuing it and finding out a general rule, then you'll have been doing some algebraic thinking. The activities will give you chances to use this kind of thinking and get better at it.

The Answers are on Page 3 so don't scroll down too quickly!

Puzzle 1:

Can you find the value of each shape?

			17
			9
12	5	9	

Year 6 Transition - Maths

Puzzle 2:

Amy went into her local stationery shop. Her mum had given her £2.50 to spend. Amy liked the look of some luminous pens, which cost 15p each, and some fancy pencils, which cost 10p each.



She bought four times as many pens as pencils and was given 40p change. How many of each did she buy?

Puzzle 3:



Peter, Melanie, Amil and Jack received a total of 38 chocolate eggs.

Jack had one less than Peter.

Peter had five less than Melanie.

Amil had half as many as Melanie.

Peter had two more than Amil.

How many eggs did each person have?

Year 6 Transition - Maths

Answers!

Puzzle 1:

If you look at the top row it has 2 squares and a semi circle, which equals 17, in the last column there is only 1 square and 1 semi circle, which equals 9. so 1 more square in the top row and 8 more in the totals, means that the square is worth 8. then the semi circle is 1. The star is worth 4.

8	1	8	17
4	4	1	9
12	5	9	

Puzzle 2:

We worked this out by taking 40p from £2.50 which is £2.10, then we used trial and error.

It was easy because there aren't many low numbers in the 4 times table.

The answer is 12 pens which equals £1.80. 12 divided by 4 = 3 so there are 3 pencils which equals 30p.

$$£1.80 + 30p = £2.10$$

Puzzle 3:

Amil – 7 eggs

Jack – 8 eggs

Peter – 9 eggs

Melanie – 14 eggs (lucky girl!)



Year 6 Transition - Science

During Year 7 you will be taught Science in mixed ability teaching groups and you will have four lessons per week - these could be singles or doubles or a mixture, depending on when your lessons are and which teacher(s) you have.

You will complete a term of Chemistry, a term of Biology and a term of Physics - so you will get a chance to do lots of practicals, work individually and in groups and develop your experimental and investigative skills.

Alongside this we hope you will develop the confidence and skills to question and understand the world around you.

The topics we will study are:

Biology

- Structure and function of cells
- Body systems
- Reproduction
- Skeleton and muscles

Chemistry

- States of matter
- Physical changes in state and the kinetic model
- Chemical reactions
- Atoms, elements, compounds, mixtures
- Equations, symbols and formulae
- Acids and alkalis

Physics

- Forces
- The Earth, Moon and Solar System
- Space
- Light and sound

Activity!

Tell us a little about your favourite scientist.....

Use the template on the next page as a starting point to write about them, though you can tell us more! Feel free to use a picture.

We have included one for you, as an example on the next page, but you need to choose your own Scientist!... It could be someone who is alive now or a past Scientist. It could be someone who is famous, or someone who has done something important in the world of Science who is less well known. See if you can surprise us with an interesting example!



Year 6 Transition - Science

Name of Scientist: Stephen Hawking

What they did: Amazing amount of work on -The Big Bang Theory

Why they are your favorite: Stephen Hawking is not only an amazing Scientist, but an amazing human being. He has shown that anything is possible for people with disabilities. Hawking spoke for a lot of his later life through a computer generated voice. He also had a film made about him called 'The Theory of Everything'.



Name of Scientist:

What they did:

Why they are your favorite:

20 things to do for Art

ART

Year 6 Art Home Learning Drawing Challenge:

- Draw all **20** images on the list. Each one must only be **5cm x 5cm**
- You can use any materials you like to draw the images with, for example -pen, pencil, collage, paint, digital etc.
- Present them all on one sheet of A3 or several smaller sheets of A4 or A5. **Be creative with any paper you may have...even newspaper/packaging/cardboard etc**

1. Your hand
2. A plant or flower
3. Yourself as a superhero
4. An insect
5. Your favourite food
6. A drinks can or bottle
7. Something red
8. A building
9. Sweets
10. Something green

Try to be as detailed and accurate as you can. You must complete all 20 drawings and remember that they have to all be 5cm x 5cm.

11. Your name in an interesting font/style of lettering.
12. A weird fish
13. A car
14. Something that makes you laugh
15. A childhood memory
16. Something you love
17. Your eye
18. A reflection
19. A cake
20. A shoe



Art is a way for you to express yourself, experiment and explore different techniques - don't be afraid to make mistakes, this is how we learn.

10 things to do for Computer Science

1. Write some precise directions for someone who wants to travel from Your House to Kingswinford Academy.	2. Find out something about the first computer ever built in the UK.	3. Ask Alexa (or some other digital assistant) to read you a book.	4. Do some typing practice https://www.typinggames.zone/	5. Take a 3D virtual tour of the National museum of Computing https://www.tnmoc.org/news-releases/2017/6/6/3d-virtual-tour-now-online
6. Pick a Scratch tutorial or 2 and work through them. https://scratch.mit.edu/projects/editor/?tutorial=all	7. Define the word computer. What makes something a Computer?	8. Do some research about Gordon Moore. Who is he? What has he done for the world of computer science?	9. Computational thinking is a major part of Computer Science What is computational thinking? What are the 5 elements of Computational thinking and can you explain them a little?	10. Finally spend a day without your computer or any device. Re-connect with the world.

Try to do at least 3 things. You can use the internet to help you for the questions based ones.



DESIGN AND TECHNOLOGY TRANSITION CHALLENGE!

Exercise is good for your body but **PROBLEMS** are good for your brain! In Design and Technology we love to solve problems to make the world a better place. Put your brain to the test by completing our transition challenge. All you need to do is:

Pick a User, a task and an environment and get those creative juices flowing!

So for example, I might try and design a product to help an Elderly Man, be on time whilst being in the dark!

If you enjoy this task and want a few more scenarios- you can visit this website which randomises challenges for you! <https://protobot.org/#en>



USER

A school student
Secret Agent
Mad Scientist
A toddler
Elderly Man
A diabetic
A visually impaired person
A footballer
A prisoner
A Hiker
A gymnast
A Traveller
A clown
An Athlete



TASK

To keep fit
To keep cool
To keep dry
To give energy
To wake up
To be on time
To navigate
To be healthy
To predict the weather
To win
To store
To protect
To relax
To prevent



ENVIRONMENT

Camping
Flying
Desert Island
In the dark
On the moon
On the way home
In the classroom
Behind bars
In a war zone
On a boat
Under the water
In a circus
Jumping out a plane
Riding a bike



IDEA

Get your ideas flowing!
List all the possibilities and let your mind run wild!

Will you create a meal, a piece of clothing, a storage solution or item of smart technology to solve your problem!

Protobot generates random product and service ideas. How & why to use it. By Mr [unreadable]

Design a **hat** for a rock star.

RANDOMIZE

Design a **lamp** that helps you keep your personal data secure.

RANDOMIZE

Design a **microphone** that teaches you another language.

RANDOMIZE

Design a **toothbrush** that is musical.

RANDOMIZE

Have fun! We can't wait to see your ideas!

Welcome to French at Kingswinford

You will study French twice a week at Kingswinford.

We are looking forward to meeting you.

How many challenges can you complete before September?

Try to complete at least 3 and use the internet to help you.



10 things to do for French

Listen to a French song on You Tube

Who was Coco Chanel?
Why is she famous ?

Who is Emmanuel Macron?

Find out the names of ten French cities

Find out about these french sports:
Boules
Handball
Tour de France

In how many other countries apart from France is French spoken?

Find a french recipe and see if you can cook it! Croque Monsieur is easy and delicious!

Find 10 famous sites to visit in Paris - where would you like to go?

Find out how to say:
Hello!
How are you?
I love French!

<https://www.youtube.com/watch?v=FvMhDj-xBq8>
Watch this episode of Peppa Pig - what is different



Year 6 Transition - Geography

Hello Year 6!

Before starting Year 7, there are some great activities you can do to prepare yourself. In geography, one of our first topics focuses on maps, and in particular the UK. Have a go at the activities below and make sure to tell your teacher if you give any of them a try!

Task 1:

Have a look at the map of the UK.

Can you label:

The four countries

The capital cities

Any oceans or seas surrounding the UK/Ireland



Year 6 Transition - Geography

Task 2:

Geographers study places. What is your favourite place? It might be somewhere close to where you live? It could be somewhere you have visited on holiday? Or it could even be a place you've just seen or heard about on television etc.

Write a paragraph about your favourite place. Can you describe where it is? Can you explain why it is your favourite place?

Challenge task: Research ten different facts about the UK. For example, the population of the UK.



Year 6 Transition - History

Overview

Term 1- The Normans

We will study how the Normans changed England. In 1066 William the Conqueror arrived from France and won a major war. This unit will cover the war and how Britain changed because of it.

Term 2- Medieval Kings

This unit will look at how the power of kings gradually changed during the medieval period. They used to be all powerful and could do whatever they wanted but slowly the government and parliament started to take that power away from them: we will study this.

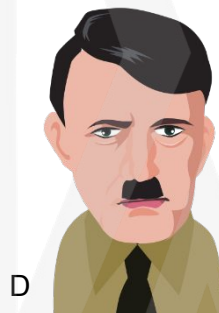
Term 3- Religious Rollercoaster

This unit will look at how religion changed during mainly the Tudor period of England. Henry VIII and his three children were all monarchs and each one affected the religion of the country, making it protestant or catholic. This led to wars, plots, burning people at the stake, nasty nicknames and even nursery rhymes. You will study the Tudor family and their impact on Britain.

TASKS

Task 1

Can you use the pictures to guess the period and place them into Chronological order.



Year 6 Transition - History

CHRONOLOGICAL ORDER TASK

Complete the table, eg Picture D, World War 2 (1939-45). The war was between Nazi Germany and most other countries in the world including Britain.

ORDER	PICTURE	NAME OF PERIOD DATE	MY FACT
1			
2			
3			
4			
5			



Year 6 Music Challenge

1 Listen to a song of your choice that fits into popular music.

2 Dig out your keyboard or download a virtual piano on your phone/ tablet and practice a piece of music using Youtube or create your own!
<https://virtualpiano.net/>

3 Ask an adult to pick a song that they loved when they were your age and listen to it with them.

4 Share a link to a song on social media that will make your friends smile.

5 Pick your favourite Karaoke track and record yourself performing it. (ask your family to join in)

6 Take an existing song and re-write the lyrics to encourage people to wash their hands properly

7 Search for a song by the Band Queen. Have a listen to a few and choose your favourite then tell someone in your family why you like it

8 Write a jingle for an advert for one of the following:

1. Pair of trainers
2. Chocolate bar
3. Hand sanitiser

9 Listen to Classic FM today and talk or write about a piece of music you heard.

10 <https://youtu.be/7-MJZjJs4A>
Listen to Gershwin's Rhapsody in Blue and draw an image that you think represents this music.



Year 6 Music Challenge

11

Learn all of the words to 'You've got a Friend in Me' From Toy Story

12

Learn the cup song rhythm pattern from *Pitch Perfect*
<https://www.youtube.com/watch?v=Y5kYLOb6i5I>


13

Create your own cup song rhythm using the ideas from task 12

14

Message a family member and ask them to recommend a song they like for you to listen to.

15

Learn all of the words to the Fresh Prince of Bel Air theme tune (rap)
<https://www.youtube.com/watch?v=AVbQo3IOC>


16

Watch the link below – Britten's Guide to the orchestra.
https://www.youtube.com/watch?v=4v_bvhU22uAM Make a list of all the instruments that you recognise.

17

Learn some rock drum patterns. Follow the link below to help you out. (You don't need drums you can use pencils and things around the house (tables, chairs, pans)
<https://www.youtube.com/watch?v=443u2KB309o>

18

Sing a Karaoke song from the 80s

19

Find out who the Stereophonics and The Manic Street Preachers are and have a listen to some of their music.
(Hint : They are from Wales)

20

Have a go at writing your own short tune using musical notation (notes on the staff) using the notes C,D,E,F,G,A,B,high C
Remember in the space you see your FACE and Elephants Get Big Dirty Feet)



Year 6 Music Challenge

21

Listen to some Rock music and describe it using musical terms (Melody, Rhythm, Tempo, Texture, Dynamics and instrumentation)

22

Create your own music video – use a song you really like and get someone at home to film you singing/ miming and acting it out.

23

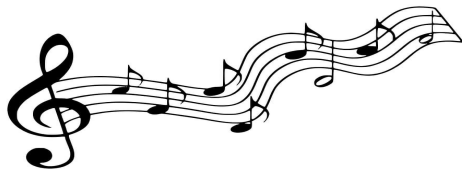
Ask a friend/ family member to listen to a song that you like that you know they haven't heard before and tell them why you like it.

24

Create a trivia quiz about music to test on your family or try one on Youtube.

25

Have a go at some of these music games <https://www.primarygames.com/arcade/music.php>



How many of these tasks can you complete over the summer?



Windsor
Academy Trust



Year 6 Music Challenge

26

Put together a family band. Use objects from around the house as instruments or yourselves. You can lead them in a performance.

27

Choose a country other than the UK and find out something about their traditional music.

28

Write your own rap lyrics about what you did last week (aim for 2 verses and make the lyrics rhyme)

29

If you could choose any famous musicians from the last 60 years who would you have in your ultimate band:

Singer, bass player, lead guitar, drummer?

Come up with your own band name and design the logo for the merchandise.

30

THE MUSICAL GLASS CHALLENGE.....

Fill glasses with different amounts of water and try to play them to make your own tune. Like this....

<https://www.bing.com/videos/search?q=playing+glasses&view=detail&mid=DF4E953B560CD0440799DF4E953B560CD0440799&FORM=VIRE>

How many of these tasks can you complete over the summer?



Windsor
Academy Trust



Year 6 PE Challenge



How many of these challenges can you complete?



THE
~~HUNGER~~
GAMES

LOCKDOWN

THE LOCKDOWN GAMES- HOW TO PLAY?

The Lockdown Games have been designed to test your accuracy, balance, coordination and skill level across 6 different challenges.

Each challenge is categorised into either “**Challenger**” or “**Legendary**”. In the true spirit of the lockdown games, we want everyone to complete both levels of the challenge, in particular, the **Legendary** option!

You can complete each challenge a **maximum of three times** with your best score going forward. Record this on your tracker

Each challenge contains a short instructional video clip along with your equipment list and alternative items....should you not have the equipment to hand.

Good luck, embrace the challenge and **seize immortality!**



Equipment List

The equipment list below details to you everything you need to equip yourself to take on the lockdown games. Anything in the “**Essential**” column, you must have to take part. The items in the “**Substitute**” column can act as replacements for items you may not have.



<u>Essential</u>	<u>Substitute</u>
Water Bottle	
Toilet Roll (x1)	Tennis Ball/Orange
2 Tins	2 bottles/2 shoes
Mug	Bowl
Tea Bags	Scrunched up paper
1 small tea towel	Hand towel or sheet of A4 paper
Timer/Smart phone	Count out loud

Gather all of the equipment before starting

Challenge 1- Total Teabags



Challenger Status

1. 3 large steps away from target (3-4m away)
2. Face towards target
3. 5 attempts at landing as many tea bags in the mug as possible (or rolled up paper)

Legendary Status

1. 3 large steps away from target (3-4m away)
2. Turn around to face opposite direction
3. 5 attempts at landing as many tea bags in the mug as possible (or rolled up paper)



Can you beat Mr Gould's score of.....3

Challenge 2- Bottle Flip

Challenger Status

1. Stand next to a raised surface, one step away (arms distance)
2. Attempt to flip the bottle in one full rotation and land flat on the surface.
3. Your score is how many times you can land the bottle in a row without it falling over



Legendary Status

1. Stand next to a raised surface, three pigeon steps away
2. Attempt to flip the bottle in one full rotation and land flat on the surface.
3. Your score is how many times you can land the bottle in a row without it falling over



Can you beat Mr Staten's score of 4?

Challenge 3- Toilet Roll Catch

Challenger Status

1. Hold the toilet roll in two hands.
2. Throw up in the air, rotate 180 degrees and catch it behind your back
3. Your score is how many times you catch the toilet roll in a row without it hitting the floor.

Legendary Status

1. Hold the toilet roll in two hands.
2. Throw up in the air and catch it behind your back whilst facing the same direction
3. Your score is how many times you catch the toilet roll in a row without it hitting the floor.



Can you beat Mr Gould's score of 4?

Challenge 4- Target roll



Challenger Status

1. Fold a tea towel (small towel or piece of A4 paper) in half
2. Take three large steps away from the target. (4-5m)
3. Roll the toilet roll and attempt to land it on the target
4. Your score is determined by how fewer attempts it takes, first time is the best possible score!

Legendary Status

1. Fold a tea towel (small towel or piece of A4 paper) in half and then half again
2. Take three large steps away from the target. (4-5m)
3. Roll the toilet roll and attempt to land it on the target
4. Your score is determined by how fewer attempts it takes, first time is the best possible score!



Can you equal Miss Horton's perfect score on legendary?

Challenge 5- SOUPerbowl

Challenger Status

1. Position two tins (or any other item) 2 hand widths apart at a distance of 4-5m away.
2. Using an orange (tennis ball or toilet roll) attempt to roll the item through the gate.
3. The highest score is the most amount of successful rolls in 30 seconds.

Legendary Status

1. Position two tins (or any other item) 1 hand width apart at a distance of 4-5m away.
2. Using an orange (tennis ball or toilet roll) attempt to roll the item through the gate.
3. The highest score is the most amount of successful rolls in 30 seconds.



Challenge 6- Balance the toilet roll



Challenger Status

1. Position a toilet roll on the top of your head.
2. Whilst keeping the toilet roll steady, move down towards the ground ensuring you are in the press up position.
3. Return to standing position.
4. Using a timer, complete this as quickly as possible.

Legendary Status

1. Position a toilet roll on your forehead
2. Whilst keeping the toilet roll steady, move down towards the ground ensuring your back is in contact with the floor.
3. Return to standing position.
4. Using a timer, complete this as quickly as possible.



Can you beat Miss Holder by not dropping the toilet roll?

THE LOCKDOWN GAMES- COMPLETE?

If you are viewing this slide, then you have most likely completed the rigorous 6 challenges posed for you today. Can you check you have done the following;

- Completed all six challenges on **Challenger and Legendary**
- Recorded your scores on **THE LOCKDOWN GAMES TRACKER**
- Handed your work in so your teacher can review your scores and let you know whether your efforts have qualified for an **achievement point** (or 2)!





Mission accomplished!

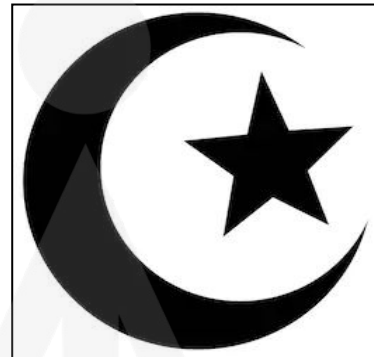
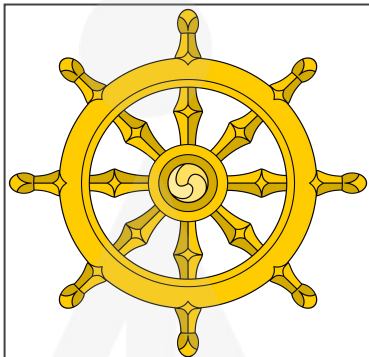
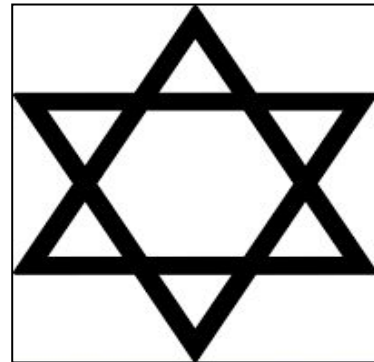
Year 6 Transition - Religious Education

Hello Year 6!

Before starting year 7, there are some great activities you can do to prepare yourself. In Religious Education, some of the topics we will focus on are understanding religions and festivals. Have a go at the activities below and make sure to tell your teacher if you give any of them a try!

Six World Faiths

Task 1: How many of the six world faiths can you identify?



Year 6 Transition - Religious Education

Task 2:

Write a paragraph about a special event or festival that you celebrate with your family. Explain why this special event or festival is important to you and how you celebrate this occasion?

Challenge task:

From task 1 pick one of the religions and write down ten facts you can find out or know about that religion.
e.g



1. Founder of Sikhism is Guru Nanak
2. Sikhs believe in one God.