

## Becket Keys Church of England School

8<sup>th</sup> May 2020

IN THIS ISSUE

## VE DAY – 75<sup>TH</sup> ANNIVERSARY

Mr Scott-Evans writes ...

"Greater love hath no man than this, that a man lay down his life for his friends."

John 15:13 King James Version (KJV)

As we approach a VE Day Bank Holiday, the situation we find ourselves in is being compared to the crises that have been endured by previous generations and the victories that have been secured.

The Coronavirus has been described as an 'invisible enemy' in contrast to the visible enemy of the Nazis. The lockdown of schools has been compared to evacuation of children from schools. The battle for PPE, the making of gowns and masks by volunteers and the setting up of

foodbanks has been compared to the *National Effort* during War Time

I am not sure how comfortable I feel about these things. I am well aware that my own sacrifices are nothing compared to those who served in the War. I for one will be concentrating my prayers this weekend towards those who gave up their lives 75 years ago. On Friday, at 11am there is a call for us all to be silent for 2 minutes. I suspect that this will be particularly well observed with families across Brentwood going onto their doorsteps for the occasion. I would encourage all of you to use that time to pray thankfully for those who made the ultimate sacrifice for our freedoms. Freedom that perhaps we appreciate now more than ever before.

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Then at 3pm, the BBCis going to play the Churchill Speech. I suspect that this will be essential viewing. Will it outrank our Prime Minister's Lockdown Speech from 23<sup>rd</sup> March? That was watched by 27.1 million people; the most watched broadcast in years. Its significance will live on for generations. But will people watch it in 75 years' time? We still do not know how significant the 'war' is that we are living through. Will we find a vaccine? Will we find medicine to treat it? How many people will die whilst we wait and how will life be affected? What about the economy? What about our mental health and wellbeing?

With so many difficult and unpleasant questions on our minds, it will do us good to be reminded of how we have fought and won in the past. The wonderful human spirit – given to us by God is something to celebrate, and this weekend will give us a chance to do that. We are encouraged in the afternoon to 'let our hairdown' (that is an interesting phrase for some of us at the moment!) and have some fun with our family and neighbours. A 'stay at home street party' is being called for. A road near me has put up bunting and are clearly gearing up for this. I trust that social distancing measures will be observed! At 4pm we are aiming for a National Tea Party! I shall be making scones (using the Becket Keys Year 7 recipe).



## **Scones**

#### **Ingredients:**

225g Self Raising Flour 55g Butter 150ml Milk Egg — beaten to glaze Pinch of Salt 25 g Caster Sugar Handful of raisins or sultanas

#### Method:

Heat the oven to 200 Degrees C or Gas

Mix together the flour and salt and rub in the butter using fingers lightly ('Make a cake not an enemy')

Stir in the sugar and the dried fruit

Add the milk very gradually whilst stirring with a spoon to get a soft dough (you might not need all the milk – stop once it is holding together)

Turn out onto a floured work surface and knead very lightly.

(Make a cake not an enemy!)

Pat to around 2cm thick

Use a cutter to stamp out rounds and place onto a baking sheet

Lightly knead out again the remaining dough and cut out more scones to use it all up

Brush the tops of the scones with the beaten egg

Bake for 12-15 minutes until well risen and golden.

Allow to cool.

Serve with clotted cream and jam.

And a nice cup of tea!

The fun should continue with dinner at 6pm where we will raise a glass to the memory of those who served us and secured victory 75 years ago. This again will be a good time to talk about our heroes in the NHS and other key services supporting us all at this time.

At 9pm the Queen is giving an address, after which, I think we are all going to be encouraged to sing 'We'll meet again!'. At which point, I shall be wondering once more when will we meet again? When will schools re-open? There should be an announcement about that soon – perhaps on Sunday. As soon as we know more, we will bring you news of our plans.

Thank you for all you are doing in our 'Becket Keys Effort'! We will meet again and when we do, we will be proud of what we have achieved in Lockdown. However, this weekend, let us all focus our attentions on the achievements of those incredibly brave Brits and Allies of many years ago. It is VE Day and a real reason to celebrate victory over an enemy who would have changed the world forever.

Mr Scott-Evans Headteacher





Mrs Bailey has been busy at home crocheting these face mask adapters in order to ease some of the discomfort caused to our wonderful NHS staff who are wearing masks constantly. If anyone has any wool or buttons to donate, please contact the school office.







#### **VE DAY**

This week Year 8 and 9 were set some work on VE day. An important day in our calendar where we will celebrate the end of the war in Europe. The students were given a few tasks; one was to make a poster and the other was to cook a traditional British dish. Please see some examples that are already in.

There was also an extra task to complete on Friday:

Why not go all out!?

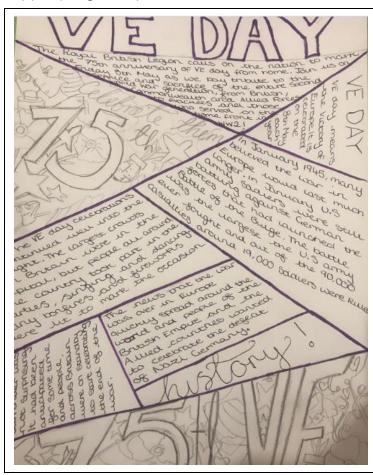
Throw you and your family a VE day party or garden picnic.

Combine the three tasks above to create an authentic VE Day celebration. Create bunting, make wartime food, listen to wartime music and pay tribute to the men and women who served and sacrificed their lives in WW2.

Enjoy your day as a family. I hope you all have a picnic and celebrate the day.

I look forward to seeing more examples of what you all got up to next week. **Mrs Knowles** 









Callum Etchells - a brilliant afternoon tea and cake.



Jack and Lucy Falco's authentic homemade lemonade



Callum Hitchcock made a delicious English Roast Dinner



Sophie Kelly made a fabulous English Breakfast



## Fancy **a** trip to the theatre?

### **Mercury Theatre Colchester to Stream** PIECES OF STRING to Commemorate VE Day

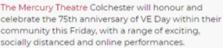
by BWW News Desk May: 5, 2020











The Essex based theatre will share their production, Pieces of String, with online audiences, for free, via video platform Vimeo. This new British musical, which premiered at the Mercury in 2018, explores three

generations of one family, alternating between the 1940s and the present day, and telling the story of a World War II soldier who returned with a secret that he would carry

Written and composed by Gus Gowland, Pieces of String was developed by Perfect Pitch and co-produced by The Mercury Theatre Colchester and TBO Productions. The musical was a hit with audiences in Colchester, and went on to win the Stage Debut Award 2018 for Best Composer or Lyricist, as well as being nominated for Best Musical Theatre Bookwriting by the Writers' Guild of Great Britain and Best Musical Production by UK Theatre Awards.

To honour and celebrate the 75th Anniversary of VE Day on Friday 8 May, Mercury Theatre are delighted to be able to stream their hit musical, Pieces of String, online, for free. The video will be available to view on Vimeo from 10am - 11:59pm on VE Day.

The link will be posted on the web page (www.Mercurytheatre.co.uk) on Friday morning, and they hope as many people as possible will join in watching this award-winning musical from the safety and comfort of your own homes during lockdown. Enjoy!!

## Messages from the Heads of Year

## Year 7 & 8 Mr Pethers



Hello, Year 7 and Year 8.

It seems very strange to be addressing you from my dining room table as opposed to the Main Hall in Collective Worship. I trust that you and your family are keeping well and staying safe. I wanted to take a few lines to share with you my feelings since lockdown began to assure you that you are not alone.

Firstly, I miss you all so much. Whilst it is easier to find replacements and substitutes for football (I'm now up to 10km a day), going to the gym (setting up home workouts) and teaching lessons (uploading work to SMHW), what I cannot replace is the social interaction and connection that I have with you all on a daily basis. Whether it is teaching you in my classroom, sitting with you in the restaurant, passing you in the corridors or joining in a game with you on the playground, I am really missing seeing you all and experiencing your development, daily.



## pride

/prvid/

noun

 a feeling or deep pleasure or satisfaction derived from one's own achievements, the achievements of those with whom one is closely associated, or from qualities or possessions that are widely admired. "the faces of the children's parents glowed with pride"

You will notice at the top of my piece, I have copied and pasted the Oxford dictionary definition of pride. What is getting me through this period we find ourselves in now is the clear and overwhelming sense of pride I have in all of you. I do not know of any other generation, certainly in my time, that has had to accept and adjust to unprecedented expectations like these. Every day when you log in to SMHW, get out your exercise books and complete your daily tasks, you are making me proud; every day when you speak with your friends over social media, you are making me proud; and every day that you share with me the innovative and exciting ways you are making good of this exceptional situation, you are making me proud. Each and every one of you is a hero! Your resilience, determination and discipline tells me far more about you as an individual than any assessment would, particularly now. You will come out of this situation stronger, more confident and hungrier than you were before. I am so proud of you. Our school is so proud of

you. Your family is so proud of you. Be proud of yourself!

In Collective Worship, we always finish with a prayer. Today, I would like to share with you a Bible verse that I reflect on each night as it provides me with purpose and direction.

<sup>11</sup> For I know the plans I have for you," declares the LORD, "plans to prosper you and not to harm you, plans to give you hope and a future."

#### Jeremiah 29:11

I admire each and every one of you. I know that we will see each other again soon. I am looking forward to that first smile, that first hello. But, until then, be there for each other, for your family and friends at this time and continue to be all that you are. God bless you!

Mr Pethers Head of Year 7 & 8



## Miss Brown Year 9



Hello Year 9,

Well this is all quite strange isn't it? I hope that this time has allowed you to relax a little and to enjoy some quality time with your families; I know that I am really enjoying having more family time than our busy lives usually allow for. I have been keeping a close eye on your work and I have to say that I am SO impressed with you. You have been working hard, completing assignments and quizzes and communicating with your teachers.

Please do remember to keep a good balance in your day – work is important, but you should not be spending all day doing it. Make sure you are leaving time to exercise, cook, help with chores and spend time with your family. Remember that some people are isolated by themselves (like grandparents) and would definitely appreciate a phone call or a handwritten letter. Take this strange time as a challenge what can you achieve? What can you improve? What can you do to help your parents? What could you learn or read? Try to keep

some structure in your day – I have found that has really helped me.

I have enjoyed speaking to some of you on the phone and will be calling more of you over the next couple of weeks! Please do message me on Show My Homework if there is anything that I can help you with – whether it is work related or more 'head of year stuff'. Lastly, please remember that I am still your Head of Year and I am still here for you. I miss you all very much!

Take care of yourselves and please stay safe.

Miss Brown Head of Year 9

## Miss Ellis Year 10



We are all in this together. We need to remember that. Year 10 is an important year and I know many of you are feeling the pressure of trying to maintain your high levels of progress at home. Remember, as long as you are doing the best you can that is all anyone can expect. Set yourself daily goals and break the day up into sections to keep you

motivated. Every Year 10 in the country is facing the same challenges as you and therefore you are not alone in your worries. There are days when I find it hard to stay motivated and so I make sure that I am not too harsh on myself if I am not as productive as I normally like to be. I remember that tomorrow is a new day and I will feel differently. 'This too shall pass'. Writing daily targets to achieve is one way I can prove to myself that I am trying my best. I hope you will feel that you tried your best at the end of all of this when we are back together again.

Promise me you'll always remember: You're braver than you believe, stronger than you seem, and smarter than you think



I know many of you are desperate to be in school with your friends and teachers there to support you. Teachers are all desperate to get back to doing what they love too. For the time being, the safety of our friends, our family, our neighbours and everyone else in the country is the most important thing. If you are feeling like you need more work, think you may not meet a deadline or that you do not understand something please do message your teachers on SMHW. Do not suffer in silence as we are all waiting to help you!



Despite going through the toughest of times, it is so important to focus on the beauty of the things we do have. I have become so much more grateful for the house I live in, my garden, my hour of exercise, my health and the technology that allows me to stay in touch with my family. I hope you are all finding the beauty in the little things and learning to appreciate what you have. "Happiness can be found, even in the darkest of times, if only one remembers to turn on the light". One thing I would recommend is ensuring you have a good chunk of the day without using your phone and social media. My best days are the days when I stay away from my phone and really live in the moment.

As I will continue to say, being respectful and caring about the things you do are the qualities I most value. Be fair to those around you. Cut some slack if people are not acting in a way you are used to. This is difficult for everyone and we are all having days when we struggle for different reasons, be understanding. Be kind to

yourself. Keep your standards high. You are all more able than you think of completing your work so be confident in your own ability. You are all in my thoughts every day and I am so proud of you all. When we can get through this, just think of the things that can be achieved in Year 11...

Miss Ellis Head of Year 10

## Mrs Noble Year 11



Dear Year 11

It has been interesting catching up with some of you and hearing about what you have been getting up to. Many of you seem to be in some sort of routine and starting to look at studying for your subjects next year, which is great to hear! I wish you all well and hope that you have now set yourself new targets to keep you motivated. I have been sticking to my routine of home schooling my 8-year-old most mornings, whilst checking that my eldest son is doing his work! This is in between setting my own classwork and responding to emails! I look forward to the afternoons where we go out for bike rides or do some sort of arts and craft.

Some of you may be feeling more settled into your new 'routine', whereas there may be others that are still struggling to adapt – please remember that we are still here for you! You can be learning all sorts of new skills, whether that is cooking, essential 'house and gardening skills' or starting to learn the skills you need for your course next year.

Make sure that you have completed any applications for Sixth Form or colleges and if you need any help or advice please contact us at the school. Send me your stories – I miss you all very much and look forward to the day that we can all get together again!

Mrs Noble Head of Year 11

## Mr Peggs & Mrs Course Sixth Form



Dear Year 12,

It was lovely to see you all in the online UCAS statement training last week. Your professionalism during this was excellent and the challenging questions you asked were very welcome! We know

that your tutors are looking forward to seeing your first drafts of your statements soon.

Well done on keeping on top of your learning at such a difficult time. We can see that you all check SMHW every day and that your teachers are ticking your work as completed on the app. We are also impressed by the ways in which you are using email to keep in touch with your teachers, contacting them when it is important and in the appropriate ways. If things are getting a little on top of you and you fall behind, your teachers will appreciate a message explaining what is happening. They will then arrange a new deadline or offer further support. Do not hide away: that is when it can all go a bit pear-shaped! We are here to help.

In terms of other academic enrichment, you know where to find your teachers' recommendations for supercurricular activities and you know you need to enjoy these so that you can write about them in your UCAS statements. 'Enjoy' is the key word here: you should be getting a buzz out of wider studies of topics you wish to proceed with at university! Remember to keep a record of what you have been doing: you will have so much to tell your tutors about when we are back in school. For those of you who are still unsure of your future plans, research is key. Lots of you are using Unifrog to do this; it is a fantastic resource and may uncover some interesting ideas

for you. Unifrog can help you with finding information university choices, degree apprenticeship and MOOCs - there are even personality quizzes! We will be looking out for those using it most; currently 12PP are in top position!

Finally, as we keep saying, please be confident that we are considering what is going to happen with end of year exams (and similar matters) when you return. We will make decisions that are in your best interest and use the expert guidance in the Russell Education Trust to support this. As you can imagine, we are not big fans of speculation - so for now, we are just going to wait until the government makes firm announcements and then let you know what is going on.

We wish you and your families all the very best,

#### Mr Peggs and Mrs Course



Dear Year 13

You might be out of sight - but you are certainly not out of mind! It has been great to speak with some of you over the phone and exchange emails with others of you. On the grapevine, we have heard about how some of you

have been painting rooms, others have been completing online courses and most of you have been having daily catch-ups with friends over Zoom.

We hope that you are taking advantage of the opportunities to enrich yourselves as outlined when we wrote home before Easter. Also, you have been sent some great resources to help you prepare for your next steps, whether this be getting the budgeting right or how to survive Freshers' Week! There will never be another year group who have this opportunity to be so well prepared for their next steps! Do take advantage of this and keep yourself busy.

We are excited to tell you that your leavers' hoodies are on their way to you! Every student who wears a 2020 hoodie will have been through this unique experience – so it will be quite a keepsake!

We look forward to being able to see you again and enjoying a proper last day as students at Becket Keys, a fantastic Prom and whatever else we want to do to mark the end of your time at the school.

Please remember that we and your tutors are here to help you whenever you need it - so please do contact us! We wish you and your families all the very best,

Mr Peggs and Mrs Course

# Poem of the Week

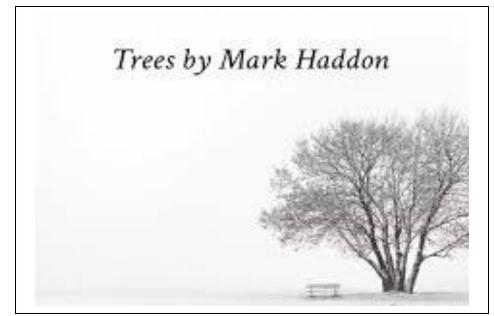
# **Trees**by Mark Haddon

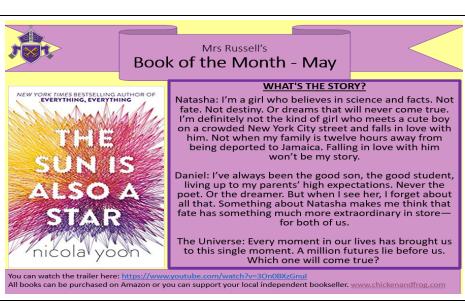
They stand in parks and graveyards and gardens. Some of them are taller than department stores, yet they do not draw attention to themselves.

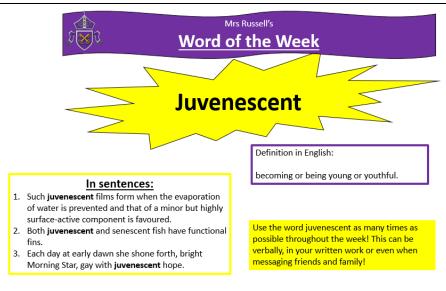
You will be fitting a heated towel rail one day and see, through the louvre window, a shoal of olive-green fish changing direction in the air that swims above the little gardens.

Or you will wake at your aunt's cottage, your sleep broken by a coal train on the empty hill as the oaks roar in the wind off the channel.

Your kindness to animals, your skill at the clarinet, these are accidental things. We lost this game a long way back.
Look at you. You're reading poetry.
Outside the spring air is thick with the seeds of their children.







## **Charity update**

Students in the school have been raising money since September for two charities - Cancer Research and New Hope Children's Centre in Kenya. We have raised a fantastic total of about £2,400 to date.

So far, we have sent £900 directly to New Hope - some was sent before Christmas to buy new clothing, presents and treats for the children there for Christmas. For some of the 110 children there, this was the first item of new clothing that they had ever had. We also sent also a donation to the local primary school, which was used to provide a second water tap in the school. More recently, we sent £200 at the beginning of the Coronavirus outbreak to help the centre purchase essential supplies of cleaning products, sanitising products and soap and essential food items.

Becket Keys have raised a further £300 for school supplies to be sent before the end of the school year.

Cancer Research has not been forgotten in all of this! We have raised about £1200 for the charity so far and will be donating this at the end of the school year.

Miriam Hall in Year 12 has been busy fundraising and has so far had over £600 donated to her Just Giving page.

If you are interested in finding out more about either charity, then some links follow. Thankfully,

## Student Achievement Miriam Hall - Year 12

A few weeks ago I took up the 2.6 challenge with the aim of completing 26km in 2.6 days to raise money for Cancer Research UK. I wanted to try and help make up for the money that we would have raised as a school and to support a charity that works tirelessly to support and save the lives of so many people. Knowing the impact cancer has had on others, as well as the recent loss of Mrs Garlick, compelled me to do my part to help support such an important charity through this difficult time.

Over the past few weeks I have developed run routes and run further and more often than I ever have before. But the most amazing thing has been how generous people have been. At the time of writing £642.40 has been raised as well as an extra £114.35 in gift aid. I will complete the challenge over the 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> of May. If you would like to give that would be wonderful. The link to my Just Giving page is below. Also if you are considering taking up your own challenge I would strongly encourage you to do so!

https://www.justgiving.com/fundraising/miriam-s-2-6-challenge1344



there have not been any cases of the virus yet at New Hope, but it remains a difficult and challenging time for them as they keep their children safe and educated. If you are able to donate any money to them, then there is information about how to do this through the local charity Hand in Hand: please reference any payment with New Hope BK if possible.

## **New Hope:**

http://www.newhopeuplands.org

Cancer Research

https://www.cancerresearchuk.org



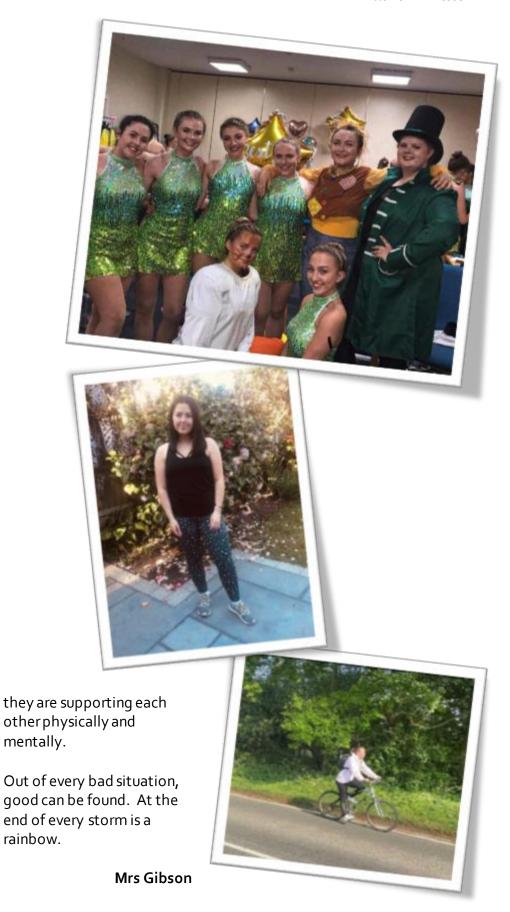
## Student Achievement Ella Gibson & Beaux Hinwood-Young

Ella Gibson and Beaux Hinwood-Young are both currently year 12 students at Becket Keys and students at Alexanders School of Dance. The girls dance class Adage are doing a 400km challenge this week to raise vital funds for the NHS and have already raised over £1000 smashing their original target.

Adage is a group of girls who met by sharing a passion for dance. Before lockdown, the girls were seeing each other at least twice a week to dance. Obviously, it is now vital that the girls stay apart, but they wanted to do something collectively to say thank you to the NHS, the organisation that is helping so many people on a daily basis.

The girls decided that this week they would collectively complete a 400km challenge, where they will be walking/running/cycling 400km over seven consecutive days to raise some much needed funds for NHS Charities together.

We are so very proud of the girls as this is a selfless challenge in a very difficult time. Not only are they raising money but also still keeping that much needed sense of togetherness as a group right now when they have to be apart;



## **Food Department**

It has been another fabulous week receiving many photos of students cooking achievements. After setting their home learning of "Cook at Home" I can honestly say it is one of the highlights of my day. Waking up in the morning, logging onto see all the notifications of students' work makes me smile! © Well done to everyone who has sent in photos and to those still continuing to cook even past the deadline of submission. You really are building on your skills in Food Preparation and we are all very proud of you. I would like to take this opportunity to say that you do not need to worry if you do not have ingredients to cook from the recipe book set with your home learning, you can cook whatever you like, we just want you to get cooking! Please do enjoy the latest selection of photos sent in and please do keep them coming. Wishing everyone a nice weekend and I look forward to seeing your food pictures of your VE day celebrations, take care.

> Mrs English Food Teacher



Chicken stir-fry Emily Watson Year 9



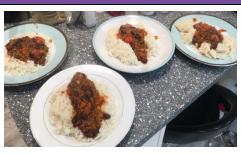
Scotch Pancakes Jessica Scharvona Year 7





I made a savoury rice dish last night. It was very nice and it was a good laugh with my family.

Savoury Rice Ella Bunce Year 9





Chilli Con Carne & Chocolate Brownie Jenna Ashton Year 9



Roast Dinner Matilda Savill-Downs Year 8



Chicken wraps, homemade guacamole, savoury rice and wedges. Luca Lombard Year 9



Shortbread biscuits for her Mum's birthday - Lucy Gunn Year 9



Chicken and vegetable noodles Cydney Etchells Year 9



Chorizo and feta cheese pasta Rhianna Hicks Year 9



Macaroni Cheese Emmanuel Mulungi Year 9





Prawn fried rice Louis Farel Year 8



Chicken curry and rice Ella Stroud Year 9



Homemade Pizza Alexander Palmer Year 8







Spaghetti Carbonara and Carrot Cake Noah Mumby Year 7



Spaghetti Bolognaise Gabriel Warren Year 9















The reason I cooked this dish is that it is my Mum's favourite. I like the dish because there is a lot of flavour. Lockdown has been difficult, but I have enjoyed staying at home with my family and I have also had fun playing basketball in the garden. My favourite chef is Gordon Ramsay because I enjoy watching Master Chef Junior. My Mum inspires me to cook because she can make amazing food and desserts.



Chicken kebabs with charred vegetable and side dishes Felix Haywood-Biles Year 8



restaurant. Well done to everyone else who had a go, there were lots of delicious looking dishes.



Luke Sawyer Year 7 cooked a lovely meal for his family



Grilled vegetables, homemade hummus and toasted pita bread. Marsha Powell Year 8

Last week's recipe to try at home was enchiladas and we were sent lots of photos of you trying this at home which is great. Here is my favourite presentation, from Toby Picton, well done Toby, this looks good enough to serve in a



**Toby Picton** 

This week's recipe is inspired by two Year 10 GCSE Food students who made their own puff pastry dishes at home. Poppy Dommett made a chicken pot pie and Jake Holdcroft made sausage rolls. As you can see they turned out really well!



## Making pastry is a great life skill to have and is quite easy once you have done it a couple of times. It also does not require too much flour; I know that flour can be hard to find! So why not have a go at making something with pastry for your family?

Here is a recipe idea to help you. Feel free to use any meat or vegetables that you have at home. Remember to keep sending in your photographs of anything you are cooking to office@becketkeys.org, or via show my homework, as we really love to see all your dishes that you are making at home.

Mr Shapland Head of Food

# Recipes to Try at Home

## Chicken Pie

Makes a small pie for 2. Double the quantities for a pie suitable to feed a family.

#### **Short Crust Pastry**

100g Plain Flour 50g Butter 20g Water Pinch Salt

#### Filling

1 Tablespoon Veg oil
150g Chicken pieces
½ Onion Chopped
Other veg to taste such as carrots/peas/sweetcorn
1 tablespoon plain flour
150 ml chicken stock (made from ½ cube, add more if needed)
1 Tablespoon cream or milk
¼ tsp dried tarragon or thyme/mixed herbs
Pinch of salt and pepper
I tablespoon milk to glaze

#### Method

Rub fat into the flour until resembles fine breadcrumbs. Add water and mix well. Knead quickly and lightly to bring together. Wrap and rest in the fridge for half an hour.

Make filling – fry the chicken pieces in oil until browned. Add the onion and cook until translucent. Add flour and cook out for a minute or so. Add stock stirring constantly so no lumps

form. Add pinch of herbs such as tarragon or thyme. Simmer for 10 minutes, add peas/sweetcorn and leave to cool in an ovenproof dish, any shape will do, but make sure it is big enough to hold the pie filling.

Roll out pastry to about the thickness of a pound coin. Put the pastry over the top of the pie dish to cover the filling and glaze by brushing milk over the pastry. Cook for 25 minutes at 18oc or Gas 6. Serve with mash or new pots and carrots, broccoli or other vegetables that you have at home.



## Safeguarding Web Safety

#### https://tinyurl.com/BKWebSafety

Parents and carers will find this web link helpful if they are unsure how to adjust parental controls for the software students are using. #TikTok #YouTube #Instagram #SnapChat #WhatsApp #Fortnite #ParentalControls #homelearning

## **Mathematics Department**

## **UKMT Maths Challenge**

This week would have seen Year 7 and 8 students across the country taking part in the UK Maths Trust Junior Maths Challenge. This national completion puts students' problem solving and logic skills to the test.

Fortunately, we were able to run a slightly edited version of the challenge this week, with set 1 students in Year 7 and 8 having the opportunity to complete the questions they would have sat in this exam.

The questions on the paper are designed to challenge students to think and not to rush! You gain more marks, and more satisfaction, by doing one question carefully than by rushing lots of answers, as incorrect answers to some questions cause marks to be lost!

This paper is about solving interesting problems, not about rushing to simple answers.

Congratulations to the following, who will receive a Gold award for their outstanding work this week:

Dylan Walker
George Ashton
Olivia Banfield
Siddhika Sharma
Elizabeth Thompson

# Mathematics puzzle UKMT challenge questions

4. Beatrix looks at the word JUNIOR in a mirror.

How many of the reflected letters never look the same as the original, no matter how Beatrix holds the mirror?

B 2

C 3

D 4

E 5

18. The numbers 2, 3, 4, 5, 6, 7, 8 are to be placed, one per square, in the diagram shown such that the four numbers in the horizontal row add up to 21 and the four numbers in the vertical column also add up to 21. Which number should replace *x*?

A 2

B 3

C 5

D 7

E 8



21.





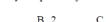








Dominic wants to place the six dominoes above in a hexagonal ring so that, for every pair of adjacent dominoes, the numbers of pips match. The ring on the right indicates how one adjacent pair match. In a completed ring, how many of the other five dominoes can he definitely *not* place adjacent to ? ?



C 3 D 4

E 5



## Weekly Challenge

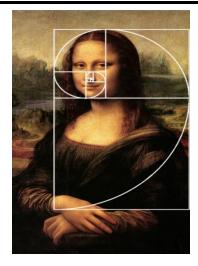
#### Research task:

A 1

Fibonacci numbers: a sequence of numbers created by adding the two proceeding numbers.

This fascinating sequence is seen unexpectedly often in Mathematics, Science and even in art. How many examples can you and your family find?

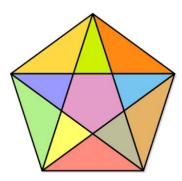
Over the Bank Holiday weekend, see if you can see any examples of Fibonacci spirals in your garden, or if you can create your own Fibonacci spiral on paper, or outside using chalk!



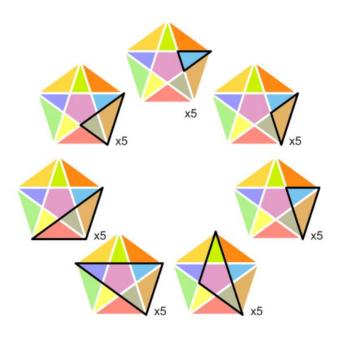


## Mathematics Puzzle 3 Solution:

## How many triangles?



There are seven groups of triangles shown in the diagrams. Each group consists of exactly five triangles with every triangle rotated 72 degrees around the centre of the pentagon; one triangle from every group is highlighted in the respective diagram. So, the total number of the triangles in the pentagon is 7×5=35.



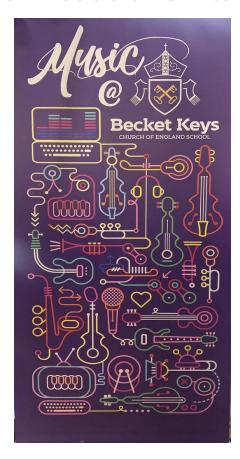
Mrs Blacow Head of Mathematics

## **PE Department**

A couple of our talented gymnasts practising their handstands for the PE Challenge







With the disappointment of a number of concerts cancelled over the last 6 weeks, the music department have found ways of keeping busy and putting everyone's practice to good use. Along with the BK Stage Band and members of staff, we have put together two virtual performances. The first piece is based on an old South African Prayer and the second on the Stevie Wonder classic Superstition. How many staff can you see?

Sin N Jay N Jay

https://youtu.be/bOogouaRXYE

Superstition

https://youtu.be/jxf8-QenIXE

This week, why not take part in the BBC Lockdown Orchestra? Details on how to enter can be found here: <a href="https://www.bbc.co.uk/programmes/articles/lpcpKcsoGli7w7">https://www.bbc.co.uk/programmes/articles/lpcpKcsoGli7w7</a>

grammes/articles/lpcpKcsoGlj7w7 hKkJvoKv/join-the-bbclockdown-orchestra-for-you-gotthe-love

For your listening pleasure this week ......

The Music Department will have some suggestions each week for pieces of music to listen to. You may find a genre you did not know you loved!

## Minimalism

In C-Terry Riley

https://youtu.be/yNi0bukYRnA

### **Northern Soul**

Mustang Sally – Wilson Picket https://youtu.be/kfuHgzu1Cjg





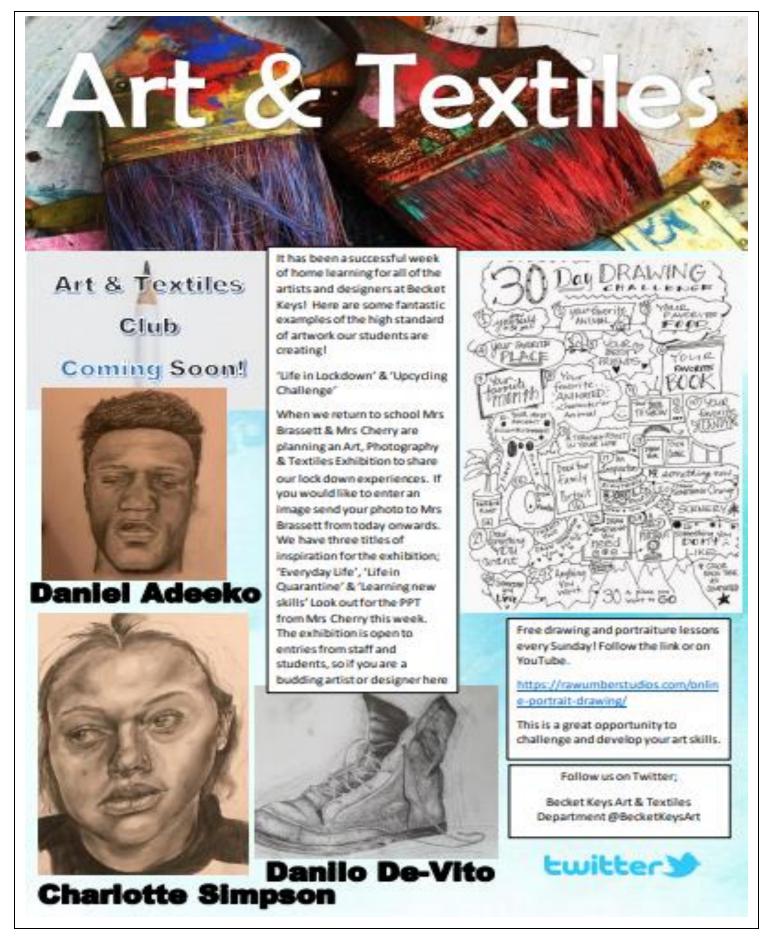
Speakers for Schools Inspiration Programme provides a network of today's most inspiring figures across business, arts, politics and more donating their time to help inspire students to fuel their ambition. They are passionate about providing a high quality and personal service, making it seamless for speakers, educators and organisations to get involved.

Speakers in the network range from CEOs of major companies to notable national journalists, arts people, scientists, leading entrepreneurs and academics. You can check who is coming up this week here.

https://www.speakersforschools.or g/inspiration/vtalks/upcomingvtalks/

# BBG Bitesize Daily lessons

The BBC have also released a wealth of information to support students. Our teachers may direct you to some of these to support your home learning or you can have a browse yourself.





# P A US E

## Strength in joy

Keep your face to the sunshine and you cannot see the shadow.

#### Helen Keller

In a world that knocks us down, joy can feel so elusive. However, the Scriptures are filled with encouragement, that there is a joy available to us in God that transcends the pain and suffering of the world. This week's Biblical Pause is inspired by the words of Helen Keller: 'Keep your face in the sunshine and you cannot see the shadow'. These beautiful words equate sunlight with positivity and joy and shadow to difficult circumstances. In every situation, may we be encouraged to take time every day to open our hearts and receive the joy of our heavenly Father. The joy of knowing the Lord is a sure source of strength for people as they face the challenges, hurts and disappointments of life.





Nehemiah 8 gives revelation on God's desire to establish joy at the foundation of following Him. In Nehemiah 8, the nation of Israel had just rebuilt the walls around Jerusalem and were learning again what it is to live in obedience to the word of God. In response to their tears, due to the realisation of their mistakes, Nehemiah said, "Go and enjoy choice food and sweet drinks, and send some to those who have nothing prepared. This day is holy to our Lord. Do not grieve, for the joy of the Lord is your strength" (Nehemiah 8:10).

Jesus offered us the ultimate example of finding strength in the joy of the Lord. Well aware that the cross was awaiting Him, as well as rejection, mockery, betrayal, denial and scourging, Jesus resolved to go to Jerusalem. However, in Luke's Gospel it says that 'He steadfastly set His face to go to Jerusalem' and

'His face was set for the journey to Jerusalem' (Luke 9:51, 53). Why was Jesus able to keep moving forward? The author of Hebrews explained that it was because of 'the joy

that was set before Him' that He 'endured the cross' (12:2).

Jesus did not promise that there would be no trials and tribulations in this world. Yet the joy of the Lord (that God-given gladness found when we are in relationship with God) truly can sustain us, whatever we face. The joy of the Lord is unceasing, unwavering and powerful. It comes from a place of inner peace with God, rather than external fleeting moments.

So, stay close to your heavenly Father and know joy despite life's circumstances. Keep your head up high! Turn your face to the sun, for the joy of the Lord is your strength.

May God bless you and keep you this day and forever more. May the Lord show His face to you and grant you joy and peace.

Amen.

Listen to Rihanna - Towards the Sun (From the film "Home"): http://www.viewpure.com/hdOgcc 7WOyE?start=o&end=o

> Mrs Sharp Deputy Headteacher

## Advice for parents during coronavirus

Whilst coronavirus is infectious to children it is rarely serious. If your child is unwell it is likely to be a non-coronavirus illness, rather than coronavirus itself.

Whilst it is extremely important to follow Government advice to stay at home during this period, it can be confusing to know what to do when your child is unwell or injured. Remember that NHS 111, GPs and hospitals are still providing the same safe care that they have always done. Here is some advice to help:



#### If your child has any of the following:

- Becomes pale, mottled and feels abnormally cold to the touch
- Has pauses in their breathing (apnoeas), has an irregular breathing pattern or starts grunting
- Severe difficulty in breathing becoming agitated or unre
- Is going blue round the lips
- Has a fit/seizure
- · Becomes extremely distressed (crying inconsolably despite distraction), confused, very lethargic (difficult to wake) or
- Develops a rash that does not disappear with pressure (the "Glass test")
- Has testicular pain, especially in teenage boys

or phone 999



- Is finding it hard to breathe including drawing in of the muscles below their lower ribs, at their neck or between their ribs (recession) or head bobbing
- Seems dehydrated (dry mouth, sunken eyes, no tears, drowsy or passing less urine than usual)
- Is becoming drowsy (excessively sleepy) or irritable (unable to settle them with toys, TV, food or picking up) - especially if they remain drowsy or irritable despite their fever coming down
- · Has extreme shivering or complains of muscle pain Babies under 3 months of age with a temperature above 38°C /
- Infants 3-6 months of age with a temperature above 39°C /
- For all infants and children with a fever above 38°C for more
- Is getting worse or if you are worried
- Has persistent vomiting and/or persistent severe abdominal pain
- Any limb injury causing reduced movement, persiste head injury causing persistent crying or drowsiness

Please ring your GP surp

The NHS is working for you. current coronavirus crisis at peak times, access to a health care If symptoms persist for 4 hours or more and you have not been able to speak to either a GP or 111, then take your child to the nearest A&E



#### If none of the above features are present

- Additional advice is available to families for coping with crying of well babies
- Additional advice is available for children with complex health needs and disabilities.

#### Self care

ome. If you are still concerned about your child, call NHS 111 - dial 111





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