



BISHOP CHALLONER CATHOLIC COLLEGE

Head of Year 8 Summer Newsletter 2020

Dear Parent/Carer,

With the end of term in sight myself and Miss Hunter have been able to reflect on the mature way in which year 8 students have approached their learning from home. The high standard of work being produced by students on a regular basis shows the determination being shown by them. The skills that students have had to adapt to using will become valuable as their school career continues. Next year will be exciting as students will pick their GCSE options. We hope that over the summer you and your families can enjoy some time together and we look forward to welcoming students back in September.

Please continue to use the school website for activity and well-being ideas.

We hope you enjoy this selection of work completed by year 8 students over the last few months.

Art



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Science

Energy and food

The unit for energy is joules (J). The energy needed to lift an apple off the floor onto a table is 1J. Most food contains a lot more energy than this, so we usually measure the energy in foods using kilojoules (KJ).

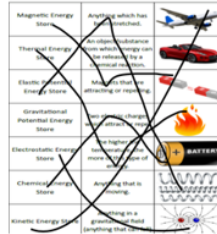
1. The sausage has more energy
2. If you eat 2 hotdogs you get 2344 KJ

1. The very active adult needs most energy
2. Age 5 needs least energy
3. Age 18 needs about 11000KJ
4. An 18 yr old needs more energy than an adult because 18 yr olds need to grow
5. The very active adult needs 6,000 KJ more than the adult
6. If the adult has as much energy as the very active adult the adult will gain weight

Energy cannot be created or destroyed; it can only be transferred in different. This is called the **law of conservation of energy**.

There are seven different ways to store energy

Thermal energy store
Gravitational Potential energy store, Magnetic energy store
Kinetic (movement) energy store Chemical energy store
Electrostatic energy store
Elastic Potential energy store.



WHAT IS ENERGY?

Energy is stored in food and fuel. The amount of energy stored is measured in Joules. When you are asleep your body needs energy for keeping warm and breathing. Children need more energy than adults to grow bigger bones and muscles.

Energy cannot be created or destroyed, only transferred from one store to another

We cannot see infrared radiation with our eyes
The sun does emit infrared radiation.
Infrared radiation can travel through empty space.
Dark surfaces absorb infrared radiation
More infrared radiation is emitted by hotter objects
Shiny surfaces reflect infrared radiation well.

1. Energy can be made. False
2. Fuel is a store of chemical energy. True
3. When a ball is being held up gravitational potential energy is transferred to the kinetic store. True
4. Energy doesn't make things happen. True

Maths

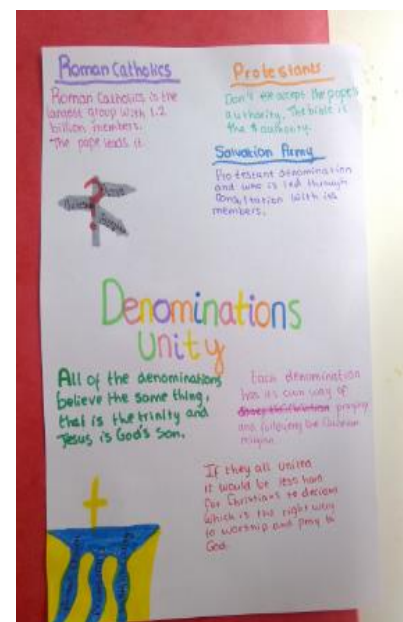
Every year we enter students in Year 7 and 8 into the 'Junior Mathematical Challenge', run by United Kingdom Mathematics Trust (UKMT). It is a 60 minute challenge, sat under exam conditions, and tests understanding of tricky and interesting maths questions. It is a nationally run competition and is often good fun! This year our students took part in this remotely, and completed the challenge online.

In Year 8 there were 7 bronze certificates and 6 silver certificates. Particular congratulations goes to Joe B for getting a silver certificate and the best result in the year and for the other silver certificate holders; Michelle L, Darragh McH, Daniel M, Syde P and Elanor R.

All students who participated will be getting a certificate of participation in September. Well done to our young mathematicians.

Religious Education

Task 1	Parable 1 The Good Samaritan	Parable 2 The goats and the sheep.	Parable 3 The parable of the unmerciful servant.
What happens in the story?	A man is attacked and nobody helped not even a priest. But his enemy did help him.	God thanks the sheep (Good people). And sends to hell the bad.	A man begs to not have to pay an enormous debt. His master forgives him and dismisses the debt. But after this that man who owed debt started choking a man who owed him debt.
What important message did Jesus want us to take from this story?	That even though you don't like someone you still need to help them. He wants us to get along with everyone and not hate.	That if you are a bad person bad things will happen to you. And if you are good, good things will happen to you.	If someone has mercy on you have mercy on others. If you do this is should keep going. Then nearly everyone would have mercy on each other.
Why might some people find it difficult to follow this message?	Someone may find this hard because arguments are common in this world aren't always easy to resolve and to forget about. Also the other person may not want to resolve it.	It may be difficult for someone because if people are rude to you, you would want to be rude and bad back.	If someone has really annoyed you it is hard to have mercy on them.
What would the impact (change) to the world be if everyone followed the message from this story?	There would be no suffering and no war. Everyone would follow the Ten Commandments. No one would hate and everyone would be friends.	People would learn and try to be nice. Also they would give to the poor. Also people wouldn't be separated from God.	If everyone was like this then forgiveness would be everywhere and no one would be hate.



Physical Education

Students have had the opportunity to get involved in virtual sports day challenges for this last 4 weeks. Students who completed 1 or 2 challenges will receive a praise postcard and those that completed 3 or 4 will receive a lady of the lesson or man of the moment wristband. Congratulations to the 44 year 8 pupils that took part!

Computing

During the lockdown period, Year 8 have been working on programming using online platforms. Most recently, they have been learning to code a smart home using the Python programming language.

Food

A big well done to Ali who sent in this picture after Year 8 were given the task to investigate chicken and poultry – great cooking Ali – looks delicious!

School Trip Refunds

The summer term is usually a time when many trips take place. Many trips and obviously been paid for or partially paid for. It has been a mammoth task for the Finance team to organise these refunds and they have done a brilliant job managing the trip refund process. We are now hopefully getting towards a completion date.

Parents/carers will have been receiving messages to confirm what amounts are being refunded. If a payment was made within the last six months it will be refunded direct to the bank account/card paid with via SchoolComms. If a payment was made longer than six months ago or by cash then refunds will be made by cheque which are being prepared and signed and will then be posted out. If you have a query about this, please contact school and we will pass on your contact details to the Finance Team who will call you back.



Free School Meals

If your son/daughter is eligible for free school meals the Edenred voucher scheme has been extended to cover the summer holiday period. School will have been in touch to arrange the collection of the vouchers for this period.

September Start

We are really looking forward to seeing all students in September, in line with government guidance adaptations and some practices have changed, please refer to Dr Coughlan's letter sent on Thursday 16th July regarding the arrangements for September, in summary-

- All students will return
- Full school uniform must be worn
- Full school PE kit must be worn on days your son/daughter has PE as there will be no changing facilities available
- There may be a change to the start and end time of the school day for your son/daughter
- Whilst we encourage students to arrive at school close to their designated start time, sibling groups can arrive together and we will fully support this. Students arriving early to school will be accommodated. Please note, although staff are around the school there is no direct supervision unless students are taking part in organised activities.
- All students have a responsibility to adhere to hand washing and sanitizing and following one way systems in place in school
- Your son/daughter will receive a broad and balanced curriculum still consisting of 5 periods per day
- We are committed to offering extra-curricular activities where it is safe and possible to do so

Attendance/Punctuality

All students are expected to attend school full time from September. Normal procedures should be followed if you son/daughter is unable to attend school.

Students must be on time, sanctions in line with school policy will still apply.

Form Names 2020/2021

From September the name of our form groups will change. Each form group will be represented by a Saint, some further information on each of the Saints is attached.

BON will be BER- St Bernadette

HIL will be BOS- St John Bosco

LIV will be CEC- St Cecilia

MAC will be LUK- St Luke

SCO will be SEB- St Sebastian

SHA will be TER- St Teresa of Calcutta

The change of form names is a really positive move and further reflects the distinct nature of our Catholic school.

Uniform/Standards

Expectations regarding uniform and standards of behaviour remain unchanged in September. Students should attend school prepared to learn and familiarise themselves again with the BC Basics. There has been an appendix to the school's behaviour policy, this can be found here-

https://files.schudio.com/bishop-challoner-catholic-college/files/documents/policies/POLICIES_2020/BC_009a_Appendix_to_Behaviour_Policy.pdf

Medical Information

If your son/daughter has any medical condition that the school have not been made aware of please ensure that you provide full details before the start of September by emailing- enquiry@bishopchalloner.bham.sch.uk.

Goodbye...

At this time of year we say goodbye and good luck to both teaching and support staff that are moving on. Ms Baker leaves to take up an Assistant Headteacher post after 15 years of outstanding service to the school. Also from the teaching staff we say farewell to Mr Wooler (Maths), Miss Leigh-Lancaster (English), Mr Bennett (Computing) and Mr Palmer (PE).

From the support staff we say goodbye to Mr Jogia (Cleaning Team), Miss O'Neill (Sports Centre/Reception), Miss Nutt (Maths Hub) and Miss Reynolds (Computing Hub).

We wish them all the very best of luck and we will continue to keep them all in our thoughts and prayers.

Have a great summer.

Yours faithfully,

Mrs Brown

Head of Year 8

Miss Hunter

Assistant Head of Year 8



Official School Twitter:	@BishopChalloner	Library:	@Mrs F Library
Biology:	@BCCbio	Maths Hub:	@CentralMathsHub
Chaplaincy:	@BC_Chaplaincy	Maths:	@BCMathsDept
Computing Hub:	@BCCComputingHub	PE:	@BCPEDepartment
Computing:	@BishopChalComp	Performing Arts:	@BCPAmusic/@BCPAPA4
Design:	@BCCCDesign	School Games:	@BCSGO
English:	@BC_EnglishDept	Science Learning Partnership:	@CentralMidSLP
FOBC:	@bc_friends	Science:	@BCSciDept
French:	@BC_MFL	Sixth Form:	@BCCSix
Geography:	@BCGeogDept	Social Science:	@BCSocSciDept
History:	@history_GCSEBC	Teaching School:	@teaching_school

BCCC Saints



Saint Sebastian

Feast Day Jan 20th | Patron Saint of Athletes

"Grant us a spirit of fortitude"



Saint Luke

Feast Day Oct 18th | Patron Saint of Artists

"For with God nothing is impossible"



Saint John Bosco

Feast Day Jan 31st | Patron Saint of Young People

"Think of the Glory of God as your main goal"



Saint Cecilia

Feast Day Nov 22nd | Patron Saint of Musicians

"Put on the armour of light"



Saint Bernadette

Feast Day Apr 16th | Patron Saint of the ill

"I shall spend every moment loving"



Saint Teresa

Feast Day Sep 4th | Patron Saint of Missionaries

"It is the love that you put into what you do that counts"