

# The Elton Times

Newsletter No 62 — 3 December 2019

A photograph of three students in a music room. The student on the left is a girl with blonde hair wearing a blue school uniform and a yellow headband with a colorful, abstract hat. The student in the middle is a girl with long grey hair wearing a leopard print top and a large, detailed woodpecker hat. The student on the right is a boy wearing a dark jacket and a white and red striped hat with a green band. They are all sitting on blue chairs and playing various drums, including a large red drum and a smaller black drum. The background shows a music room with various instruments and equipment.

Year 7 Molly Gill,  
**Winner of Mayor's Christmas  
Card Competition**

Sporting Success at the  
Cross Country and for Year 11  
**Boys' Football**

Dozen of Year 5 Students Enjoy  
Our Primary Arts Day

# The Elton Times

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As we now move into the final month of this term there have been the usual events and activities taking place across the school. As well as the numerous events that are detailed in this newsletter, we also have a number of important dates coming up. This Thursday sees our second Presentation Evening, with awards being given to our Year 11 leavers from summer 2019 and Councillor Charlotte Morris attending as our guest presenter. We also have mock exams taking place for Year 11, our usual end of term assemblies and reward trips, with the annual carol service scheduled for the final week of term on Thursday 19th December. Thanks in advance for your support and attendance as relevant at these events and please contact the school directly if you have any questions about arrangements or plans.

As you will know, we are continuing to look at ways of developing and improving the school site and are hoping to have work begin on the 3G pitch early in the new year. Once the pitch is open it will obviously be a fantastic addition to our school and will offer so many wider opportunities for our students to experience doing different sports on a state of the art playing surface.

As for within our school building, you will know that lockers were installed in summer 2018 and have been very popular with the students, while we are continuing to work with the local authority to look at ways to ease congestion around the school building. The popularity of our school continues to grow and the current building is simply not big enough to accommodate everyone comfortably. We did consider the use of the Creative/Media building on Walshaw Road as possible extra space, but it is too far from the school building to be used in a practical manner for timetabled lessons. The local authority have therefore asked to use the building as a support centre for small groups of students from across

the authority, working completely separately from ourselves. The centre will be run by staff from outside of our school while it will have a completely separate site, fenced away from the Elton playing fields and it will have different start / end times to our standard school day. Work has been taking place to update that building and the authority hope to have it ready for early in January, with small groups of 8-12 students then being based there from the middle of that month. Meanwhile, we are determined to look at every possible option to increase space around our main building so as to cope with the high numbers across all year groups and the expected high intake over future years.

Linked to these concerns about the congestion around the school site, we are also due to complete the installation of new CCTV cameras around the school. We already have cameras at key points outside the building, but by installing them on corridors, staircases and general social areas we feel that we can add another level of assurance to all the young people who use our building on a daily basis. Student safety is our most important priority at Elton and having cameras in these locations allows us to further minimise any anti-social behaviour, particularly at social times. We are proud of the conduct of our students and feel that this initiative further reinforces our culture of supporting the students to 'Be Safe Feel Safe' at all times.

There will be one more issue of this newsletter before Christmas, scheduled to be sent on Tuesday 17th December. As we run up to that last week of term we appreciate your continued support in ensuring that the children remain focussed and prepared for their learning, with usual lessons taking place right until the final days of the term. Meanwhile, if you have any questions or concerns about any aspect of our school then please feel free to contact me directly -

[wiltonj@eltonhigh.bury.sch.uk](mailto:wiltonj@eltonhigh.bury.sch.uk)

# Be Safe Feel Safe

# Bury Business Enterprise Challenge Champions



On Friday 22<sup>nd</sup> November, four Year 10 students attended Derby High School to take part in the Bury Business Enterprise Challenge. As a team they had to compete with other local secondary schools to raise the most amount of profit from buying and selling business assets. The students soon realised that it is important to gradually build up their assets before investing heavily. The team made a virtual £7.1 million during the course of the day, which was £4 million more than any other team. Tim Scialpi won a special prize on the day, the Individual Entrepreneur award.

Well done on this fantastic achievement!



# Primary Arts Day



On Friday 22nd November we welcomed students from Christ Church, Chantlers and Elton primary schools for our annual Primary Arts Day. Students took part in three workshops during the day; they made a piece of music, a dance and a costume to wear for the afternoon performance. They worked exceptionally hard during the day and produced some amazing performances.



# Art to Heart Christmas in the Community!



Year 7 students this week have been out on Art to heart visits spreading festive cheer with a robin themed art activity. The robins were greatly received and will look lovely decorating the homes this Christmas.



# English Department

## A Christmas Carol



Year 9 enjoyed a performance of A Christmas Carol on Tuesday 30th November. The performance ended with a very festive singalong to We Wish You a Merry Christmas. Thank you so much to all the parents who donated £1.85 to cover the cost of the performance, without your help we would be unable to offer students these opportunities. Next up, Year 11 will be having performances of Macbeth and An Inspector Calls in the spring term. Teachers have distributed letters - please return these as your earliest convenience.



### Exams in English

Year 7 will complete an assessment analysing how writers use language and structure in a 19th century text.

Year 8 will complete a comparison essay on Poetry.

Year 9 will write a piece of Dystopian fiction.

Year 10 will complete Section A Paper 1 Macbeth.

Year 11 have mocks on Component 1 English Language and Paper 2 English Lit (Jekyll & Hyde / A Christmas Carol, Conflict Poetry and Unseen Poetry).

### Year 11 English Revision

Period 6 for English is taking place on Monday (unfortunately due to staff training there will be no period 6 on Monday 16th December).

# Christmas Grand Raffle

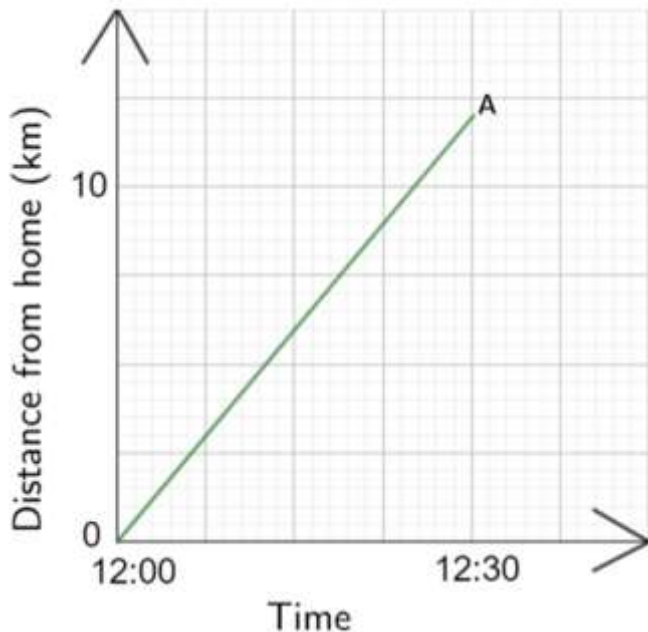
The Christmas Grand Raffle will be taking place on Wednesday 18 December 2019 at 2:00pm. There are a wide range of fantastic prizes on offer, listed below. Tickets will be handed out to students this week and we would welcome your support in helping students sell their tickets. Tickets stubs will need to be returned to Form Tutors as soon as possible, along with money paid.

Good Luck!!!

1. £100 Cash Prize
2. £50 Cash Prize
3. £25 Cash Prize
4. £25 Cash Prize
5. £50 Marks & Spencer Voucher
6. £30 JD Sports Voucher
7. £30 JD Sports Voucher
8. £30 River Island Voucher
9. Pudsey Movie Night In
10. Case of Plazo Centro Prosecco
11. Case of Argentina Malbec Red Wine
12. Case of Mud House Sauvignon Blanc White Wine
13. Tower of Chocolate
14. Tower of Chocolate
15. Ted Baker Gift Set
16. Bolton Wanderers Football Club Family Match Ticket
17. Everton Signed Photo
18. Large Box of Milk Tray
19. Manchester City Family Tour Voucher
20. Manchester United Signed Pennant
21. Jameson Whiskey
22. Chocolate Hamper
23. Sweet Hamper
24. Gift Set Hamper
25. Cheese & Wine Hamper
26. Red Bank Cider and Wine Box

# Maths Department

## Exponential Growth – When You Can't Think Straight!



This distance-time graph to the left shows a classic **linear** relationship. At 12:00pm, the journey begins and at 12:30pm, the person is 12 km from home (point A). The straight line indicates that the person has been travelling at a constant speed (ie. no acceleration or deceleration). If the person has gone 12km in 30 minutes, then in one hour they would travel 24km. The speed is therefore 24km/h. The distance grows in direct proportion to the time travelled.

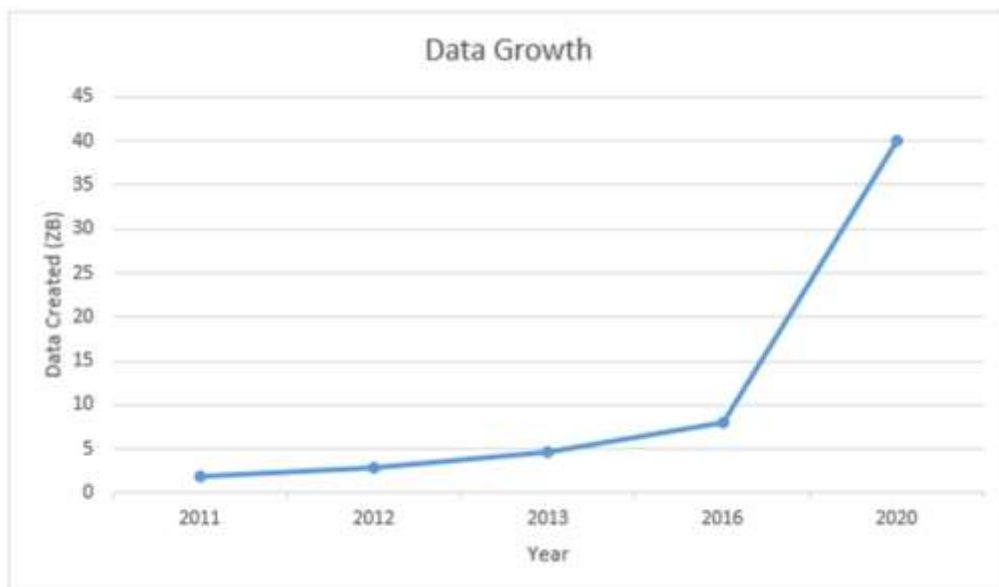
There are many examples in real life where growth can be modelled by such a straight-line graph. For example:

- a pay-as-you-go mobile phone bill (the cost is in direct, linear proportion to the amount of minutes used)
- taxi-journeys (the fare is in direct proportion to the distance travelled)
- scrap-metal merchant (the amount of money you get is in direct proportion to the weight of the scrap you take)

However, most 'growth' relationships in the real

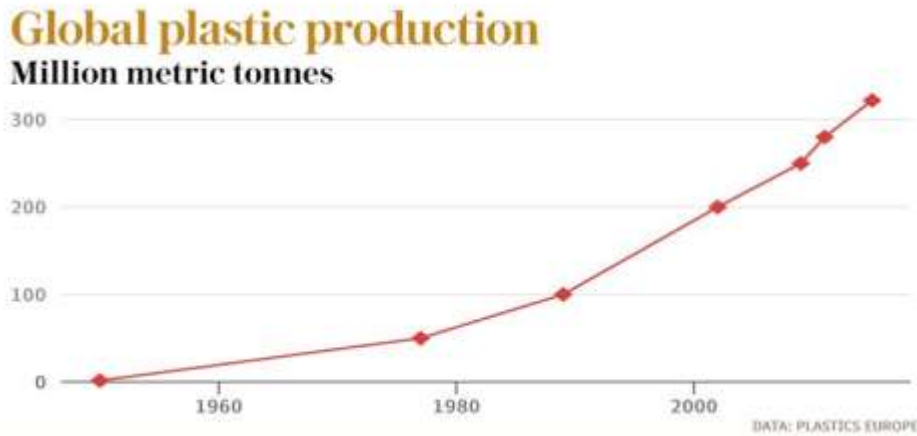
world are not as clear-cut and predictable as these. We refer to them as **non-linear** relationships. Non-linear graphs, do not – as the name suggests - take the form of a straight line. Often they are represented, or approximated, by curves.

The graph below shows the amount of computer data created worldwide from 2013 and projected to 2020 (source: Gartner, a leading research company). Keep in mind that the graph is measured in zettabytes (ZB). 1 ZB = 1 billion terabytes (TB)! The rate at which data-creation is increasing is accelerating rapidly. This is a classic example of exponential growth.

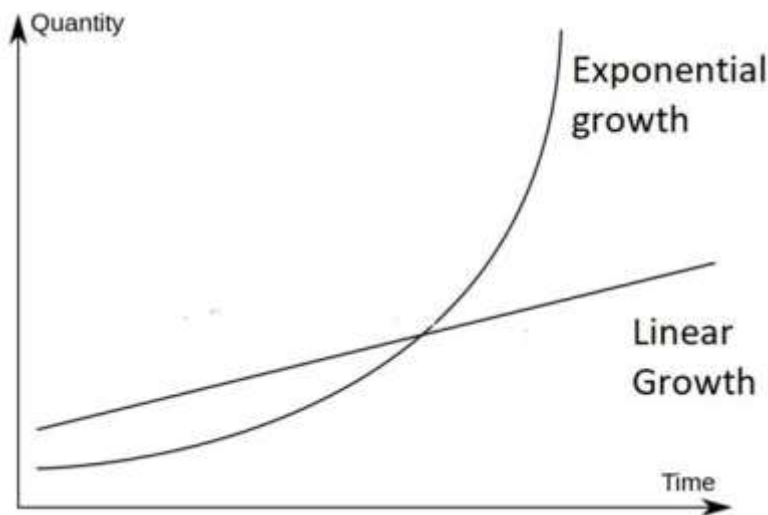




Here is another graph showing the non-linear growth of plastic production...



The difference between stable, linear growth and exponential growth is represented in the diagram below.



The late Dr Albert Bartlett (Emeritus Professor of Physics at the University of Colorado) once went as far to say that ...  
“The greatest shortcoming of the human race is our inability to understand the exponential function”.  
What did he mean?

To take an example, if the population of a town is increasing at a steady rate of 7% each year, it does not sound like an alarming increase. It would only take **10 years**, however, for the town to **double** its population, given this rate of increase. This startling increase can often catch city leaders unawares, and unprepared.

The ‘wheat and chessboard’ problem is a classic example of the unexpected power of exponential growth. An Indian legend describes how the inventor of chess requested the following reward, in grains of wheat, from his ruler. One grain of wheat was to be placed on the first square of the chessboard, two on the second, four on the third, and so on (doubling the number of grains on each subsequent square). The ruler laughed it off as a meagre prize for a brilliant invention. However, the number of grains of wheat this would add up to on a 64 square board is  $2^{64}-1$ , or 18,446,744,073,709,551,615. Or to put it another way, roughly 400 times the global wheat harvest, according to Dr Bartlett!

All countries of the world aim for sustainable population growth. The continuing rise in the world population (now nearing 8 billion) is largely being driven by the growth in developing countries. However, the important resources which support population: fuel, food and water, and essential commodities, like metals, are finite. Continued growth will be one of the biggest challenges of the 21 Century. Another will be climate change. Many scientists argue that the exponential increase in CO<sub>2</sub> emissions over the last century has put us in a precarious position. One point is clear. Another exponential growth – in technology, and technological solutions - will play a pivotal role in addressing some of these pressing issues over the next few decades.

Mr Wilson , Head of Maths

# Maths Challenge

## Pedro's Kangaroo

Pedro is asked to find three kangaroos whose weights are all whole numbers of kilograms and whose total weight is 97 kg. What is the largest possible weight of the lightest of the kangaroos Pedro could find?

Send your full working out and answers to [Entwistle-WilkinsonJ@eltonhigh.bury.sch.uk](mailto:Entwistle-WilkinsonJ@eltonhigh.bury.sch.uk). All correct entries will gain an Achievement Point and be put in a hat. The first name pulled out wins a £5 Trafford Centre voucher! Congratulations to Hayden Tucker in 10B for his correct answer that won the voucher and all the other submissions.



## Emma Halpin-Foden, Training with British Roller Skating Team

Emma Halpin-Foden continues to develop her roller skating talents by attending training with the at Britain Roller Skating Team (November 15th - 17th). This photograph shows Emma and her younger brother Toby with Montse Arbós (the Spanish National Coach) and her skater Alex Medina who came 3rd in the 2019 European Championships. After the weekend Emma said that her legs were really aching from doing so many skating, fitness and stretching sessions but she came into school to do a further training session before school on Monday morning. True dedication to her sport!

# Libby Wilson and Leah Minshull Attend “Made in Bury Awards”



Two of our Year 9 students have been selected to attend Made in Bury Awards on November 28th 2019. For the past 12 months Libby Wilson and Leah Minshull have been supporting this local charity which promotes awareness and raises funding to support those within the local community who are affected by vascular EDS.

The attached picture shows the girls at a family fun day in aid of Annabelle's Challenge during the Summer.

It was confirmed that with Leah Minshull's support at the 'Made in Bury Awards,' over £600 of income was received which went directly towards Annabelle's Challenge Charity.



# Zak Walsh Wins Pudsey Bear!

Congratulations to Zak Walsh who is the winner of little Pudsey Bear following our Children in Need raffle!



Dear parents and guardians,  
 Celebrate reading at our Book Fair!  
 The **half price** book fair will be arriving in school soon, with hundreds of new children's books to browse and buy.  
**WHEN: Wednesday 11th December – Tuesday 17th December**  
**WHERE: Next to the main hall at break and lunch time & in the canteen area after school**  
 There are over 200 titles for your child to choose from, and with prices starting from only £1.49 there's sure to be a book for everyone.  
 Every book bought can help to get free books for our school!

# School—Parent Forum

Dear Parents,  
 We are hoping to set up a School-Parent Forum in the new year so as to reinforce lines of communication between school and home and are looking for interested parents who would like to contribute to or attend this group. The specific purpose of the group will be determined in the initial meeting where all attendees will be able to share their thoughts and ideas.  
 If you are interested in contributing to this group, please could you complete and return the slip below directly to Mrs Johnson (Deputy Headteacher).



Student's Name	
Parent's Name	
Preferred contact number	
Email address	
Preferred days of the week for meeting	
Preferred times for Meeting	
Any key topics that you would like to discuss	

# Bury Schools Cross Country Championships



The top positions were:-

Year 7, Isobel Oxley 1<sup>st</sup>

Year 11, Luke Gisbourne 2<sup>nd</sup>

Year 11, Grace Gibson 3<sup>rd</sup>

Year 7, Max Reynolds 4<sup>th</sup>

Year 8, Adam Coxon 5<sup>th</sup>

Year 8, Molly Rivers 6<sup>th</sup>

Year 11, Joe Livesey 8<sup>th</sup>

# Evie White, Year 7 Stars in Jack and the Beanstalk Production



“In September I successfully auditioned to be a dancer in Jack and the Beanstalk, which is running at Oldham Coliseum Theatre. There are three teams of eight dancers and I am in Green Team. By the time it finishes in January I will have been in about thirty performances, plus all the rehearsals beforehand.

So far, it has been a fantastic experience and I’ve made many new friends. The cast are so funny and really nice too.

If there are any tickets left I highly recommend you go and see it, as Year 8 did a few weeks ago (not one of my shows sadly!) - You won’t be disappointed!”

*Evie White*

# Holly Calvert, Year 7 Wins Lancashire Dance Competition



Holly Calvert (Year 7) achieved fantastic success at the recent county dance competition. She was named “Miss Lancashire” for her overall performance and won seven first place gold medals and a silver for all her dance routines. Holly trains at The McLaren Dance Company and with the Northern Ballet Academy in Leeds. She has trained with Elmhurst in association with Birmingham Royal Ballet.

Holly also won trophies for:

- Most promising inter dancer (11-14 years)
- Adjudicator’s choice most promising dancer; and
- C Aggregate for highest scores throughout routines

# Helpful Hampers

## What is it about?

This time of year is a fantastic time for lots of people, with plenty of different celebrations taking place from Christmas to Hanukkah to Solstice.

Whilst many will find some time to be able to visit with friends or relatives there are also those who can find this time of year very difficult.

We want to spread some joy at this time of year with The Elton High Helpful Hampers.

## Bury Homeless Project

Bury Homeless Project provide support for Bury's rough sleepers and those on low incomes. As well as providing an out of hours cafe from 7pm-7am to support the homeless, it has also converted a bus to provide 24 hour shelter and support.

We want to help provide hampers full of essential items for over the winter including toiletries and items to help in keeping warm during the cold weather. This is a very difficult time for anyone living on the streets and our hampers will go a long way to provide support.

## What do you need to do next?

Your Student Council Representatives will help you co-ordinate a hamper.

You will need to select one of the three charities to make a hamper for.

You will need to bring in items for the hamper over the next week as we want to have all hampers completed by Wednesday 10th December so that we can have them collected and distributed over the week before Christmas. Please take your donations to Mr Farnworth, ICT2.

## What do I need to bring in?

**Age UK**—Anything to keep people warm - gloves, scarves, hats, hot water bottle, socks, room thermometer, teabags & coffee, toiletries-hand cream, soap, shower gel, shampoo, spectacle wipes etc., sweets that keep the mouth dry - e.g. sugar free, aqua drops, tins of soup, tins of ham, salmon, tuna etc., Jars of sandwich spread, jam, honey, reusable water bottles - we are encouraging people to keep hydrated, biscuits, chocolates, puzzle books / magazines—treat items would also be welcome!

**Bury Homeless Project**—New socks (M&F), underwear (Male), toiletries (no aerosols), sugar, tea, coffee, sealed snacks, add water snacks, sleeping bags, pop up tents, canned food, long life milk, hats, gloves, scarves.

**Bleakholt**—Soft toys, cat food pouches, tuna, heat pads, fleece blankets, chasing toys, tennis balls, squeaky toys, long lasting treats, Kongs, collars, harnesses, gravy bones, Winalot shapes, Applaws tins, puppy toys Dentastix, Schmakos, unsalted nuts, cream crackers, rabbit chews, small animal treats, mineral licks, horse toys, head collars, lead ropes, brushes, decahedron balls.

## What is a Helpful Hamper?

It is a box or basket of essential items that will help one of three different groups at this time of year:

1. Age UK: Helping older and more vulnerable members of our local community

<https://www.ageuk.org.uk/bury/>

2. Bury Homeless Project: Helping local homeless and low income people

<http://www.buryhomelessproject.org.uk/>

3. Bleakholt: Helping local animals without forever homes

<https://www.bleakholt.org/>

## Age UK

Age UK spend time visiting elderly and vulnerable people who may not otherwise have a visitor. A lot of elderly people spend long hours on their own so a friendly face is always welcome.

We want to help them feel wanted and thought of this year by providing wonderful hampers full of essential items and treats to enjoy as well as the warm fuzzy feeling they will receive knowing that you have thought about them whilst planning your hamper.

## Bleakholt Animal Sanctuary

Everyone knows that a dog is for a life, not just for Christmas, and at Bleakholt they feel the same about all animals. Bleakholt care for a wide variety of animals and are always on the lookout for volunteers as well as donations.

In our hampers we want to cater for a wide number of the animals at Bleakholt and try and bring lots of wagging tails to the sanctuary.





# Molly Gill, Winner of Mayor's Christmas Card Competition

Congratulations to Molly Gill (Year 7) who saw off competition from across other Bury schools to win the annual Christmas Card competition for the Mayor.

Sent on behalf of the Mayor, Councillor Trevor Holt:

May I say a huge thank you for all the entries we received for the Christmas card design competition. They were all fabulous and it was a very difficult decision to make. After much deliberation, we have decided that the winners are as follows.

The winners of each age category are:-

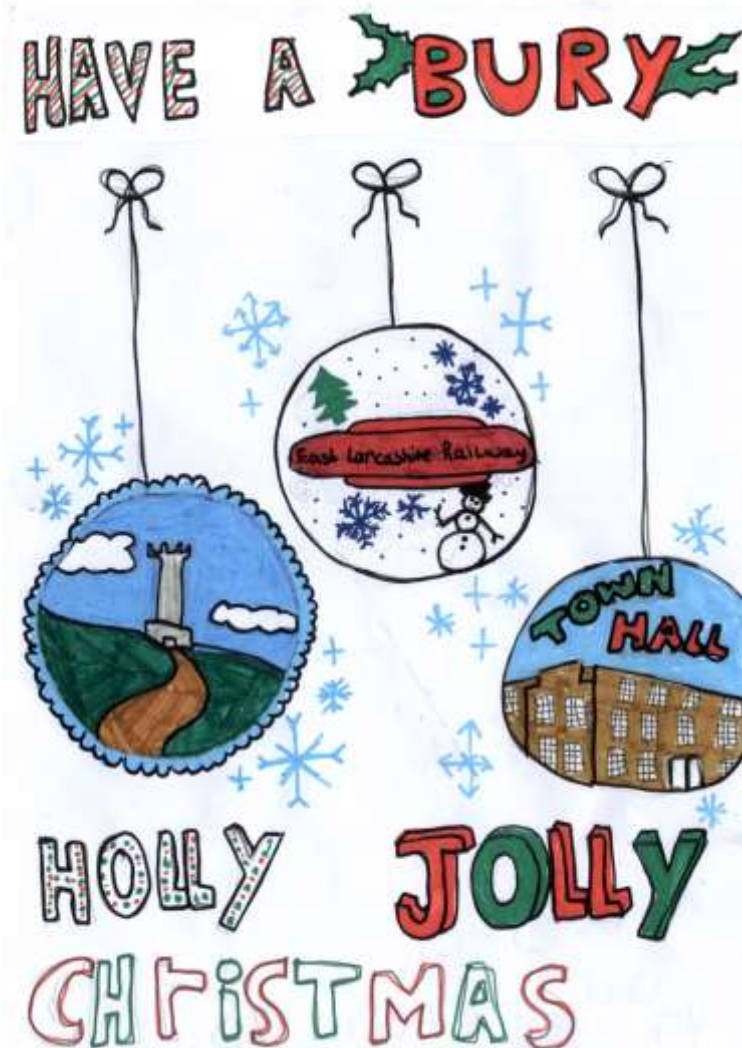
- 5-7 Evelyn Skilling – Radcliffe Hall Primary School
- 8-10 Matilda Brunning – St Mary's Hawkshaw Primary School
- 11-16 Molly Gill – Elton High School

The overall winner is Molly Gill, Elton High School and Molly's card will be the official Christmas card for the Mayor this year.

The winners and their parents will be invited to afternoon tea in the Mayor's Parlour. The cards will be displayed in the Town Hall.

Once again, may I say a very big thank you to everyone who has taken part in this competition. I hope that everyone enjoyed designing their cards as much as we enjoyed judging them.

With very best wishes,  
Councillor Trevor Holt  
Mayor



## Free Second-Hand Books!

From Monday 2<sup>nd</sup> December, there will be a bookcase of free second-hand books outside of Room 11 for students to borrow or keep.

If any students have books at home that they don't read anymore and would like to donate them, please can they give them to Miss Lythe in the office next to Room 11.



## Year 11 Football Update

The Year 11 football team's success continues in the English Schools Cup. Following a bye in round 1 previous wins against Trinity High School, Manchester 6-2 and Hope Academy, St Helens 3-1 were followed up with a battling 1-0 victory against strong opposition in the form of The King's Independent School from Chester. Lewis North scoring the only goal and maintaining his impressive record of scoring in every round. Next up in the 5th round is a home tie against Westhoughton High School on Thursday 5th December. Good luck boys!



## Year 11 Silver Award Winners

Congratulations to the year 11 pupils that have achieved their Silver IDEA Awards.

Alfie Garside said *"It was really challenging but I conquered it!"*

Jake Wild said that the work was out of his comfort zone as he is *"really bad at programming"* but his hard work and tenacious attitude paid off.

Chloe Fisher found her success had a positive effect on her confidence *"I didn't think I was capable of this kind of thing and I'm so pleased to achieve this award"*.

Have you  
downloaded  
the *new*  
SIMS Parent  
app?

Receive alerts  
about your child's  
attendance  
and achievement,  
*direct to your phone.*



Simply visit the App or Play Store and  
download SIMS Parent to get started.

Or login online at [www.sims-parent.co.uk](http://www.sims-parent.co.uk)

Ask your school for more information.



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**CAPITA** |



helping  
schools  
inspire



The next edition of the Elton Times will be emailed on  
Tuesday 17 December 2019