



Fyling Hall Matters

Friday 20th October 2017 (Issue 6)

Facing the Inferno - Wild Fires in California

Disaster struck recently as wildfires spread across California. A staggering total of 7,980 fires have broken out over the panicked state. 1,046,995 acres have been burnt, and 6,000 buildings have been reduced to naught but cinders. Tragically 40 people have perished because of the hellish fires. The most sickening fact is that all that remained of these poor people is ash and bones salvaged from the wreck of their blazing homes.

One fact that benefitted the spreading of the fire greatly is that there were extremely high winds and dry weather. The emergency services attempted to rectify the situation by sending as many fire crews and helicopters as they could muster to protect California from having the destructive flames descend upon them.

However the entire state has not fared quite as well as over 100,000 people have been forced to leave their homes in fear for their lives. Whilst the worst may be over, Californian officials have stated that the fires are unlikely to be put out very soon due to the fact that the wind speeds are 20mph with devastating gusts of 40mph. One particular winery owner stated that they

“went to hell last night” after being asked about the harrowing effects of the dreaded flames.

The governor of California Jerry Brown announced that “This is truly one of the greatest tragedies that California has ever faced” and he followed this poignant statement with “The devastation is just unbelievable. It is a horror that no one could have imagined.”

I for one do not think he is wrong, all in all 17 large fires are still burning across the northern part of the state and 9,000 fire-fighters accompanied by 1,000 fire engines have done their absolute best to hold the deathly tongues of fire at bay. It is because of these brave men and women that the death toll is as low as it is. Their courageous acts have saved the lives of countless civilians. I personally am humbled by the extreme exertion these seemingly fearless fire fighters had to put themselves through to do their part in protecting their state from the hellish flames that beset it.

Edward Burke



On this day in ...

...1977 the legendary rock band Lynyrd Skynyrd, composers of timeless southern rock and roll songs such as ‘Free Bird’, ‘Sweet Home Alabama’ And ‘Simple Man’, lost three crucial members in a plane crash: lead singer Ronnie Van Zant, rhythm Guitarist Steve Gaines and his sister Cassie Gaines who performed as a vocalist for the band.

While the loss was tragic, the band still lives on today with original member Gary Rossington, the lead guitarist for the band and famous for his masterpiece ‘Free Bird’. He performed alongside Allen Collins, Johnny Van Zant (the younger brother of Ronnie) and other various artists keeping the band just as legendary now as it was before and ensuring that the legacy of those three members lives on today.

Henry Atkinson

Words of the Week

This week Next week

Tricky: **untruth** **prying**

Trickier: **duplicity** **meddlesome**

Trickiest: **deceitfulness** **interfering**

Hurricane Ophelia

As you may have heard or felt this week, Great Britain has been hit by the tropical storm Ophelia, with Ireland being the worst hit facing winds of over 100 mph. This storm has not only caused countless amounts of damage to a variety of areas. Many warnings were issued by the Met Office warning about a danger to life with this warning sadly becoming the truth with many people becoming injured and three people being killed. The true strength of this storm can be seen when in one video the roof was blown off Douglas Community school gym and the Cork city Football stadium collapsed. With the increasing amount of storms and natural disasters our world is experiencing, many are questioning what the relevance to climate change these disasters have. The increase in climate temperature due to the amount of greenhouse gases

has been predicted to cause increased risk of drought but also increase the ferocity of storms. Although it has been said the increase in storms will decrease the amount of storms we have, it will increase the violence that these storms will have. As we can see, in recent times, storms have caused extreme damage such as Hurricane Irma and Hurricane Harvey in America. Both these storms caused a horrendous amount of injury and death and millions of dollars' worth of damage. So what can we do to help? Small things, like walking to the shops and turning the light off when you are not in the room, can make a difference and I believe it is our responsibility to try and preserve our world for future generations to follow.

Isabella Clements

Damon's Facts of the Week

Space fact: No one knows for sure how many objects exist in the Oort cloud (the outermost layer of the solar system), but most predictions put it at around 2 trillion (2,000,000,000).

Insect fact: Aphids can give birth to live young, who are also born pregnant, who lay their eggs at around 4 weeks old. When those aphids hatch, they are born pregnant, and the whole cycle starts again...

Animal fact: Snails can regrow an eye if they lose their eye.

Human body fact: The stomach has a layer of mucus to stop it dissolving itself, which it replaces every 2 weeks.

Technology fact: 89% of people try to plug their USB socket in upside down

World fact: If you were to remove all the space between all the atoms of all the people on Earth, the whole population could fit inside an apple .

Random fact: In 2015, more people were killed from injuries caused by taking a selfie than shark attacks.

Last Week's Quiz Question:

What has a head and a tail, but no body?

Answer: a coin

Mr Parker and Mr Mayne Save the Day

Last week an exciting event happened at a school hockey match. You might think hockey is quite a safe game. Alright there are a few bumps along the way, but nothing dramatic. If you think this then think again!

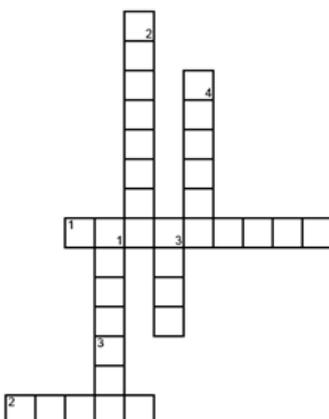
We have just received word of an exciting news story. Whilst in the bus being driven to a hockey match, Sophie Ferrer (Y9) suddenly shouted to Mr Parker "Stop. Turn the bus around!" A car that was parked on the curb was in flames!

Eye witnesses have informed me that Mr Parker immediately brought the bus to a halt. He and Mr Mayne leapt out of the bus, without a concern for their own safety, armed with fire extinguishers and rushed to the aid of a man whose car had set on fire.

When our heroes arrived the man was trying to save his groceries from the car. Our brave teachers rushed out, sprayed the fire...and saved the man.

Afterwards Mr Mayne and Mr Parker took the hockey team to McDonald's—cementing their heroic status. Tomas Richardson

Crossword



Across

1. the only month with the number of letters the same as the number of month
2. and beta. a in the Greek language
3. the oldest and shortest English word (am a cow)

Down

1. the native language of England
2. at the end of a sentence
3. the most common used English noun (tick tock)
4. is a noun and a verb which arrests somebody.

SMA Negeri 2 School Arrives At Fyling Hall!

Indonesian Culture

As some of you may have noticed, there have been some new people around the school this week. These are our visitors from a school in Bandung, Indonesia who have come to England to improve their English and experience English culture.

Nineteen students in total have come to the school for this week and are staying in Whitby and Scarborough with host families. These students are participating in lessons around the school.

Life in Indonesia is much different to that in England as some of our students found out this week. A school day starting at 6:30am and often continuing until 6pm was particularly shocking for some of our students. On Thursday, our choir delivered a rendition of "Bridge Over Troubled Water" during an extended assembly

for our visitors, and we were amply rewarded with a visually striking array of Indonesian dances in return. Our talented guests delivered dance after dance to our impressed pupils - giving us all a glimpse of traditional and lively Indonesian culture!

All of the students who were present for this assembly were grateful for this experience of Indonesian culture and thoroughly enjoyed it. Once the dances were over, our guests received a rousing applause from all of our pupils.

We have enjoyed getting to know the students and have been impressed with how good their English is and how polite and happy they all are. Now it's time for Mr Allen to arrange for us to make a visit to their Indonesian school in return...! Roberto Matos



Luke Talks...Education in England Vs. Indonesia

I had a good conversation with Mita about Indonesia and what it is like compared to England.

We first discussed what her school was like. It is almost the polar opposite to Fyling Hall due to the class sizes. Her school had on average of about 40 students in a class, whereas we just manage to hit double digits in most classes. Her school hours are also significantly longer. Students at Fyling Hall have around 7 hours of school with about an hour of it being a break. On the other hand, Mita has about 8 hours of lessons and only has a total of 45 minutes for break. There are also about 1000 students at her school, compared to our measly 200 (maybe even less). She also mentioned how our lessons were structured differently. She talked about how our chemistry involved more practical applications, rather than questions on theory, which was her experience of the subject in Indonesia. She also mentioned how our science lessons were a lot more entertaining compared to her school, and how she wishes it was like that back in Indonesia (perhaps Mr Instone set the bar high) .

Mita then started talking about her actual country and what her city (Bandung) was like. Bandung is very compact and has a population of 2.4 million. She said how the scenery here was a huge contrast to what it was like back in Bandung. Bandung was very chaotic compared to Robin Hoods Bay and there were constant traffic jams with cars everywhere. In the city centre there are towering skyscrapers, compared to our not so towering Main House. She said how she really prefers the scenery here and finds it very calming and tranquil.

Luke Yeates

Our Indonesian Visitors' Viewpoints...

Our first day has been very interesting; we've learned lots of new things and met a lot of new people, it's rather cold, but it's still nice to have new weather for a change.

It's also more laid-back than in our own country. We have to be at school by 6:30. I've had a lot of fun, especially in Science and ICT class, and I'm looking forward to attending all the other classes this week.

Aulia Zahra

Monday 16th October was the first time that I studied at this beautiful school. First I went to German class, it's a nice class and actually it's the first time that I've learnt German. I'm so excited because I can learn German in this school.

After that I went to English class, it's a joyful class. I also went to General Science, that's really an amazing class because we did an experiment with woodlice. It's amazing because it's the first time for me to see woodlice. It was also amazing at lunch time because in Indonesia, we don't have a lunch like that.

The last class that I did was ICT; it's great because I can learn how to merge letters.

Athifa Rahma

Recently, I arrived in Yorkshire for the first time. And I think that I have to know more about the county. And in Fyling Hall school, I have the opportunity to ask some questions and get to know more about Yorkshire from some of the students. And they are Luke and Harry. And here's what I've found out.

Yorkshire is one of the county in England, and it may be the biggest county. Yorkshire is known as the most historical county. The main city was in York as it is in the centre of the whole county and it is rich in history especially in the Viking time. Whitby is also one of the famous city and it's known as the Jorvik. The temperature here is colder than other city. London for example. But it's still colder than the city I live in back in Indonesia.

Yorkshire is known for their accent too. The people are spread into towns and villages. The Yorkshire pudding was their traditional food. On every 1st of August they had the Yorkshire Day where they fly the Yorkshire flag. The white rose in the flag symbolized the war of the roses. They sing the Yorkshire anthem as well.

Another tradition that they have was the Goth weekend which was quite weird for them. Because people just come together to Whitby dressed all black. And there will be festivals, music, food and other stuffs.

They also told me that in Yorkshire there are many historical castle and that reminds me of the castle in the South Bay of Scarborough where I went a few days ago with my friend and host parent which I found it really interesting to know about the history of it as I'm always in to historical places. It was actually an original castle from the 800s and it was used by the female monks to stay, eat, pray ect.

It's always nice to learn something new and making new friends here in Fyling Hall and it's a pleasure for having us here. And we hope we can get along well and be friends for a long time.

Mita

Our Visitors' Viewpoints...

There are plenty of things us teenagers do in our life, and the most common thing is school. While I have the chance to be here, in Fyling Hall School, Tiara and I decided to interview the two of our friends here Leon and Owen, to talk about school here.

It is quite different from our school back in Bandung from all the basic things from uniforms, even foods. In Fyling Hall, the students wear red and blue blazers, pattern skirts, ties, where in our school, we just wear grey long skirts and white shirts, and our school does not require us to wear ties but we do have to wear school badge.

If the students are doing something bad, for example, not doing their homework (or prep) they all got detention here which is held after school. And detentions are also divided into 3 categories, Normal, Senior, and Headmaster. Which detention we are going are according to how bad we behave. In detention students here in Fyling Hall usually clean up, carry logs, and also finishing works they haven't done yet.

In my school back in Bandung, usually get around 16 subjects, quite the same amount they got here. Fortunately, Leon and Owen find that learning the material here are quite easy as the teacher explains it very thoroughly.

As we're talking about subjects, I and Tiara know what is their most favourite and least favourite. Owen's favourite subject is Physics, which I might say I don't like Physics very much, and his least favourite is Biology. And Leon's favourite subject is Art, while his least favourite subject is Math, like many other students.

About sports, in their first term the girls got to do hockey and the boys are doing rugby. But they also do many other sports like football, netball, crickets, and horse riding. Meanwhile in Indonesia, we haven't tried doing rugby, crickets, and horse riding. Luckily, we do have swimming lessons there.

For proms and school dances in Indonesia, we only do prom. Prom is held by the students only for the 9th grade and 12th grade. While here in Fyling Hall they also organize school dances which we don't experience.

Our schools are pretty much different but we also have similarities. I love both schools.

Adira

Schools are the place where we spent our day the most. Me and Adira are studying at 2 Senior High School, it's in Bandung, one of the biggest cities in Indonesia. There are so many differences between our school and Fyling Hall School. So we're about to find out how different is our school.

Before I'm talking about my questions, I'm going to talk about the uniform first. On our school, our uniforms are very simple. No patterns on skirts, no blazer, just a simple white shirt with long grey skirts. We also have to use the badge, school location patches, our flag patches, and belt.

In this opportunity, me and Adira got a chance to ask some of the students of Fyling Hall School. Their names are Owen and Leon. Owen has been studied here for 5 years, and Leon has been studied for 7 years. They both are in the 11th grade, same as me and Adira.

At first, we were talking about the school's detention or punishment. They said that there are three detentions, normal, senior, and headmaster. For the example, they have to carry logs, clean up the school, and finishing works that they haven't finished before. They got detention if they don't do their preps or we usually called it home works.

For the subjects, they told us that they have around 16 subjects, which is pretty same like we have in Bandung. But the difference is in Fyling Hall, the students can choose their own subjects, meanwhile in Bandung, if you got the science class you have to study all the science subjects, and for the social class you're going to study about history, geography, sociology, etc. Fortunately, the students in Fyling Hall could understand the materials easily.

Owen's favourite subject is physics, his least favourite is Biology. For Leon, his favourite is Art, and his least favourite is Math.

Sport is the main thing here, in Fyling Hall. Especially hockey, rugby, and crickets. In the first term, the girls are doing hockey, meanwhile the boys are doing rugby.

The special thing of Fyling Hall is they could choose riding horse instead of sports, which is we don't have that in Bandung. We have to do swimming.

That's the special things I can write about this school.

Tiara

Y11 Talk Books ...



Y11 Boys Meet Our Indonesian Guests

Recently I interviewed some of our guests from Indonesia. Their names were Ama and Sabrina, quite lovely names. The topic that we agreed most on was books, as opposed to my favourite subject which happens to be sports; this, however is not their forte. The most prevalent thing we both agreed on was that we don't read as much as we used to. Shockingly, a lot of titles listed from both parties were identical: Harry Potter, Percy Jackson and 'The Girl on the Train' – books that made the whole class nod with approval. Of course we all were a little shocked at the resemblance to our reading habits. Why should the book that lay dormant on our coffee tables go to waste? People from all over the world can appreciate great literature.

Nevertheless, Sabrina and Ama did read vigorously, they said that they both adored science fiction and fantasy. Whilst some other genres were mentioned (Roman history, thrillers and poems) they were not nearly as popular as the former. The love for books burned brightly in Sabrina from a young age, because whilst only little, she was sent out of a library for reading too much. And when she wasn't getting kicked out of libraries, she was borrowing English books from her neighbours, who were a lovely Scottish and Australian couple.

Reading is still a big part of their daily life. One reason that they are thankful that they were avid readers is that they were accepted into a good school because of their ability to read at a high standard. In Ama's case it saved her from going to a second tier school. However, recently they never can find the time to read. Homework and a long school day leave them scrambling for sleep and relaxation. Luckily, their school has a mandatory 15 minutes reading time before school.

I think that the phenomenal English capabilities of our guests are directly linked to their devotion and passion to reading.

Callum Ferrer

Physics Nobel Prize

I usually write detailed articles talking about current affairs and my views on the world, but I'm taking a break this week, despite many recent interesting news stories, to discuss some positive news.

The physics Nobel Prize was awarded for the detection of gravitational waves, as predicted by Albert Einstein. Just saying this statement, however, does not truly emphasise the difficulty faced in this project and the complexity of the engineering marvel LIGO (or Laser Interferometer Gravitational-Wave Observatory).

The LIGO project consists of two facilities with two 4 kilometre arms perpendicular to each other. These arms have lasers of one specific wavelength which is sent down the arms and reflected back by the smoothest mirrors on earth. These detectors measure the stretching of space by 1 part in 10^{21} or one ten thousandth the width of a proton. That's the same as trying to detect a difference of the width of a hair from here to Alpha Centauri which is about 4.367 light years. The gravitational waves were caused by two black holes colliding and were, for a few brief seconds, 50 times more powerful than everything else in the universe and took 1 billion years to arrive at earth. The two detectors allowed the team to remove background noise detected at one facility and not the other. The detectors also relied on the low frequency of gravitational waves (approximately 100 hertz). The detectors also contained the second and third largest vacuums in the world. What I am trying to express is the incredible difficulties which had to be overcome to allow the detection of gravitational waves. Needless to say, it was a magnificent feat in the pursuit of scientific method.

The chemistry Nobel prize was awarded for cryo-

electron microscopy. This technique allows scientists to study biological molecules and how they interact. This method is incredibly useful for studying structural biology among other fields.

Speaking of biology, The Nobel Prize in Physiology or Medicine was "for their discoveries of molecular mechanisms controlling the circadian rhythm". So, what does this mean? The word "circadian" translates roughly to "about a day" so the circadian rhythm refers to a mechanism which allows the body to be aware of the time and take action according to this. It is this which causes Jet Lag when moving from time zone to time zone. Your circadian rhythm naturally resets through exposure to light and heat, after a while. This cycle is responsible for hormone production and has been known about, at least in part, since the ancient Egyptians and Greeks, but it hasn't been very well understood until recently with the discovery of the molecular mechanisms which control this process.

These mechanisms were discovered after the "period" gene which programmes proteins which decay. The process is more complex than this as several more genes and proteins are involved. The discovery of how our internal clock works is incredibly useful as disruptions to the cycle has been connected to many things, like sleeping and diseases. "You can see that more and more health issues, human health issues, are boiled down to either genetic defects in the circadian clock or self-imposed problems, by work and jet lag for example," Ralf Stanewsky a professor of molecular behavioural biology at the University of Münster

Jack Dudley

We invite you to comment on the articles expressed in our newsletters. Please email news.team@fylinghall.org giving a reference to the article/journalist by name. We are open to new ideas, your suggestions and even a bit of criticism!

The Week Ahead

| | | | |
|------|------------------|--------|---|
| Sun | 29 th | 2:00pm | Boarders return |
| Tues | 31 st | 2:00pm | Junior School Halloween Party |
| | | 2:15pm | U15 Hockey v Ampleforth (Away) |
| | | 3:00pm | District Netball Trials U14 Malton, U16 Scalby & U18 Scarborough 6th Form |
| Wed | 1 st | 2:30pm | U13 Rugby v Red House (Home) |
| | | 4:00pm | U12 5 - a side football @ Malton |
| Thur | 2 nd | 1:30pm | Under 13 District Netball Tournament @ Eskdale |
| | | 2:30pm | U15 Rugby v Red House (Away) |
| Fri | 3 rd | 4:30pm | Staff Meeting |
| Sat | 4 th | 9:30am | Trip to Ice Skating followed by bowling or cinema |

News Team

| | |
|-----------|---|
| Editors | Jack Dudley Callum Wallis |
| Reporters | Henry Atkinson Edward Burke Isabella Clements Jack Dudley Callum Ferrer Damon Kelly Roberto Matos Tomas Richardson Toby Richardson Luke Yeates |