



# MARDEN NEWS

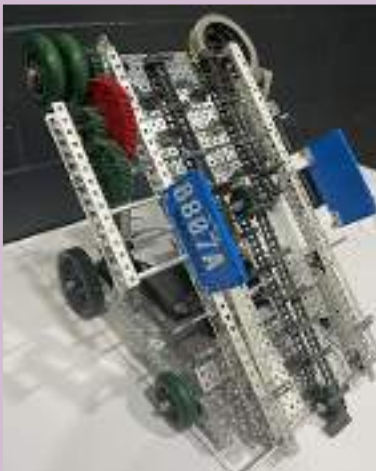
March 2023 End of Term Edition



Years 8,10 & 11 First Lego League Trophy



Year 8 Rugby Team (3rd place) Northumberland County Competition



VEX Robotics Best Design Award



Visit from local MP Sir Alan Campbell

## Featuring

Message from  
The Headteacher

Design & Technology

Drama

English & Media

Geography

PE

RE

Science

Literacy



## Marden High School

Friday 31st March 2023

Dear All

From time to time I have discouraged parents and carers from driving on to the school site to drop their children off in the morning. I have appreciated that most people have understood the need for us to minimise traffic on site whilst children and staff are coming into school, so that we can keep everybody as safe as possible. I know that most people do adhere to this request, but we have had a number of near misses on recent mornings where parents' cars have come on site without due regard for the safety of other people. I will reiterate here therefore that, unless there is a previously communicated arrangement with me reflecting the medical needs of their child, parents should not drive through the school gates onto the school site. The last thing anyone wants is for an accident to happen resulting in injury or worse.

This week's end of term assemblies have been a fantastic way to celebrate individual successes across the year groups, with awards given out by Form tutors, Heads of Year and the Headteacher as well as Gold, Silver and Bronze Awards for the top 60 house points in each year group. The assemblies have had a Strike it Lucky theme, where House Captains have represented their houses in selecting a Strike it Lucky card. Winning cards were worth 250 house points, or they had to answer a question worth 250 house points whilst hoping to avoid picking up the dreaded Hotspot card! The house championship is extremely close with Alwick just holding a slender lead over Barnburgh, Warkworth and then Dunstanburgh. Every student contributes positively to their house totals and as we move into the summer term there are plenty of opportunities to earn house points and help their House in the race for the championship.

We are now just a few weeks away from the start of the summer exams and we have been impressed by the continued positive attitudes and work ethic of Year 11 students in their studies in readiness for their exams. There will be an assembly after Easter to remind students of the procedures and behaviours expected during the exams. Students should now have a clear idea of their preferred destinations for September, but if any student needs help or support with this they can approach any member of the senior team or Ms Harrison who can support these next steps where necessary.

You will remember that last week I reported on a meeting that governors had had with parents and carers



about the potential of academisation where some excellent questions were posed and discussed. One of the most salient of these questions was 'will academisation help us to make progress and enhance outcomes for our students, or are we better off staying as we are, a Local Authority maintained school?' As a strong school with good student outcomes, sound finances, and a happy school community, we have also needed to consider carefully any associated potential risks to academisation, and so our staff/governor working group have spent the last two months conducting a risk/benefit analysis for various scenarios. Following the Easter break, there will be the opportunity for parents and carers to join members of the governing body to hear feedback on this analysis, and we look forward to seeing lots of people at this meeting which will take place in the auditorium in school at 5pm on Wednesday 19th April. Following this meeting governors will regroup to make a decision on whether to pursue a route of academisation or not, a decision I will communicate to the school community via this newsletter.

Communication is key to our relationship with the community and we try to ensure that this is comprehensive and timely using this newsletter, our rewards system, social media, our website, emails and telephone calls from members of the team. We pride ourselves on the welcoming and open lines of communication we have which are the bedrock of our values and ethos. A key facet of this is the ability to identify support from our staff when it is required and this is something we have reminded everyone of recently through the social media posts we have shared with signposting to support around curriculum, safeguarding, careers and pastoral questions. The Pastoral Team and the Leadership Team will always listen should a member of the community need us or need external support. This may be related to free school meals (<https://my.northtyneside.gov.uk/category/238/free-school-meals>). It might be for support with holiday food vouchers ([participation@northtyneside.gov.uk](mailto:participation@northtyneside.gov.uk)) or it could be to report a safeguarding concern to any of our safeguarding team ([b.reece@mardenhigh.net](mailto:b.reece@mardenhigh.net), [d.anderson@mardenhigh.net](mailto:d.anderson@mardenhigh.net) and [a.charlton@mardenhigh.net](mailto:a.charlton@mardenhigh.net)). The safeguarding and wellbeing of our school community is paramount to all we do, all of the time, therefore keeping children safe in school and supported as best we can when out of school is something we will prioritise always. By working together and looking after each other, we will help encourage the change we hope to see in our world with the Marden High community at the heart of it.

Our Year 10 Engineers had a fantastic opportunity to visit Nissan Sunderland Plant this week. They were able to see first hand production line 1, producing made to order Nissan Qashqai and LEAF models, and how the engineers work under strict time pressures to assemble over 3000 parts of each personalised vehicle. They saw how each car was rigorously tested, how they kept track of their quality control measures and how they efficiently used 'just in time' systems within the assembly process. They ended their day with a teamwork challenge where they impressed a team of engineers with their design ideas and creativity. It was great to see their engagement and enthusiasm as well as their problem solving skills at work.



On Monday evening the Year 7 boys football team took on Churchill Community College in the semifinals of the North Tyneside Schools cup competition. They went into this game on a winning streak dating back to early November so confidence was high as the first half kicked off. However, it looked like the Churchill team were determined not to let Marden have it all their own way and made the away team battle for everything. Despite having only one or two clear chances in the first half, the Marden team did get a breakthrough as half time neared, with a neatly taken shot on the turn firing past the Churchill keeper, 1-0 at half time. The second half started brightly as within 30 seconds the Marden team had doubled their lead after an intricate run through the Churchill defence. From there, the Marden team got the bit between their teeth and turned up the pressure, scoring a further 5 goals to make the result 7-0 to Marden. They eagerly await the result of the other semi final to find out who they will play in the final. The Year 7 girls netball team took part in the North Tyneside School tournament on Monday afternoon, held at John Spence. The girls played brilliantly winning 2 games and drawing one to book a place in the final against Marden Bridge Middle School. It was a close fought contest and the girls played their hearts out until the final whistle, but finished the tournament as runners up. The Year 8 boys football team had a hugely successful week, winning yet another league game and remained in top spot in the league. They also won the Tyneside cup quarter final against Longbenton 5-0 which put them into the semi final and kept them on track for the Tyneside double. Well done to all players. It has been an amazingly successful term for our sports teams, and congratulations and credit should be given to everyone who has trained, played and supported throughout.

King Charles III's coronation will take place on Saturday 6 May 2023 at Westminster Abbey in London, and during the ceremony, the King will be crowned alongside Camilla, the Queen Consort. The coronation is both the symbolic religious ceremony during which a sovereign is crowned and the physical act of placing a crown on a monarch's head, and as such it formalises the monarch's role as the head of the Church of England and marks the transfer of their title and powers. As a celebration of this event there will be an additional bank holiday on Monday 8th May when school will be closed.

I hope that everyone has a pleasant Easter break. Thank you for your continued support and take care.

Mr M. Snape  
Head Teacher



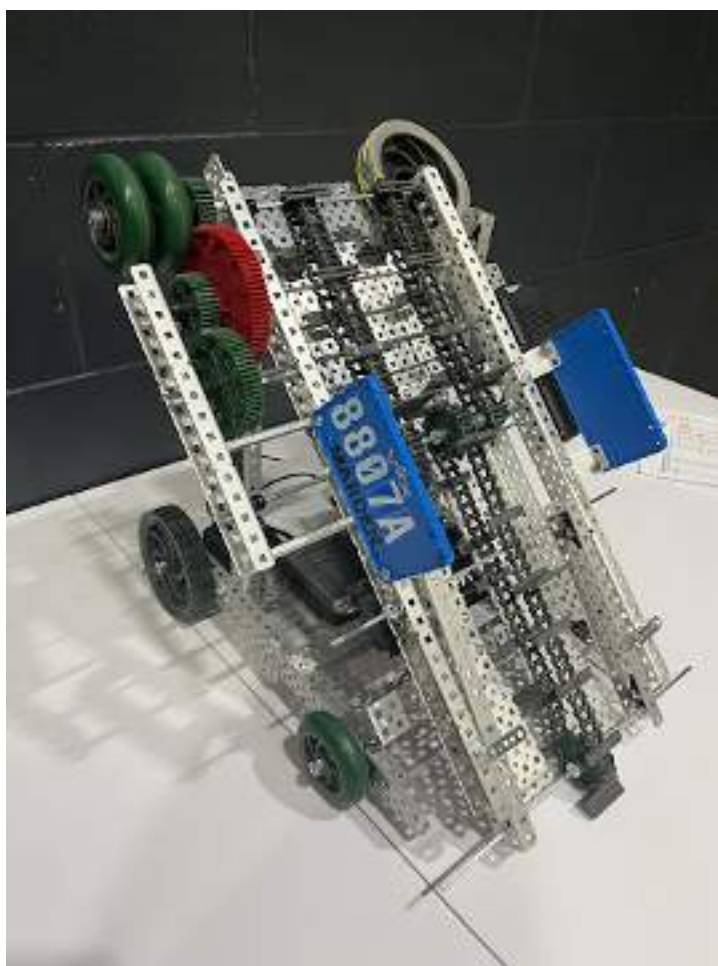
A lot has been going on in the Technology Department this term, in lessons but also as extra-curricular opportunities for students. We're strong believers in giving students opportunities outside of the classroom to bring together their skills and knowledge from our subject area, but also cross-curricular links too. Opportunities such as those below not only allow students to deepen and extend their subject knowledge and skills, but also allow for skills such as problem-solving, communication, collaboration and resilience to be practised in a way that really strengthens and prepares students for their future.

### **VEX Robotics:**

Our robotics team was back in action in February taking part in the regional events of the VEX Robotics Spin Up competition at Nissan. The team's preparations for the event started back in June where they excitedly came up with a range of design ideas for their robot, Keanu II.



As part of the competition they had to design, assemble, program, test and develop their robot to throw frisbee discs, turn rollers and expand to cover as much floor space as possible. They grew throughout the project working closely as a team as they discovered the impact different developments had on other areas of their design. Working out gear ratios to enhance the speed of their flywheel they brought in skills from several other curriculum areas. They showed off their programming skills to win several of the autonomous parts of each game before taking over with some fabulous driver skills.



With lots of perseverance and determination the students eventually came second in this year's competition, but won the best design award for their efforts and creativity. Well done!



## First Lego League:

For the first time at Marden we took part in the First Lego League. Students from Years 8, 10 and 11 worked together to build Lego sets before developing and programming their own robot design using the kits provided. The nature of the project was to program their robot to complete as many tasks as possible such as to push levers and move parts to different locations, completing as many tasks as possible within 3 minutes to score points. Throughout the project students worked with determination and resilience, unfazed by the difficulties we faced in starting later than other schools and numerous issues with faulty kit. That said, they worked amazingly as a team and overcame all issues.



When competition day came around the team started the day with an attitude of simply having a go and hoping to achieve 'something', but as the morning progressed that attitude steadily turned to winning as they worked together to alter their programming and actually achieved the highest overall score in the competition; unfortunately this was in a battle that didn't count towards final scoring. However, they still left the day victorious, each earning a medal for themselves and a trophy for the school in recognition for how far they came in overcoming their difficulties.





## **TICE:**

Twelve year 9 students have taken part in the TICE fashion programme. The students have taken part in an exciting in school workshop with Jennifer Barratt from TICE and have experienced their introduction to the fashion industry. The workshop focused on various areas of fashion and students participated in a number of tasks throughout the day looking into career areas such as fashion forecasting, design, pattern design, advertisement and more. This introduction was the first part of the programme with the year 9 students continuing to create their own fashion portfolios based on their chosen briefs. The students have been guided by TICE industry professionals throughout this process and have visited Northumbria University to meet their mentors and experience workshops in a thriving professional environment. This visit was also beneficial for students as they got to experience an industry work environment.









## **NISSAN:**

Our year 10 engineers have been given the exciting opportunity to visit Nissan Sunderland Plant at the end of the month. During the visit to the Nissan Sunderland Plant, students will hear how engineers are adapting to an ever changing world; engineers who studied traditional technologies such as petrol-powered vehicles are now learning about electric vehicle technology. Students will hear more about the 100% electric Nissan LEAF - and during a tour of the production line they will get to see our current cars being built. Having this experience will not only benefit the students and their studies, but is a fantastic opportunity to see the real world at work and have conversations with workers about the different educational routes into jobs and opportunities within the engineering sectors.



Also, watch this space for an upcoming Engineering Challenge event with Nissan at the end of this academic year,

Ms K Nicholls



Wow! What a fantastic term in Drama! We are immensely proud of the creative achievements of Marden High students in recent weeks.

After months of preparing for our school production, 'Sister Act' we were finally able to showcase the many skills and talents of our students last term. It was a huge success and now after some well deserved rest, we are ready to start again with our new show! Auditions and rehearsals will begin after the Easter break. We encourage students to sign up; there are opportunities for acting, singing, dancing as well as lighting, set design and costume. There's something for everyone!

This week, we visited Theatre Royal to see '[The Cunning Little Vixen' performed by Opera North. The staging of the production was wonderful and our students enjoyed this unique experience. In May, we are looking forward to taking some of our Year 7 students to see 'The Lion King'. It's a spectacular show and I'm sure students will feel inspired by the production.



It's been a busy term in the Drama curriculum too. After weeks of preparation Year 11 students completed their performance exam to a visiting examiner. Although nerve wracking, the students enjoyed sharing their work and it gave them a real sense of achievement. Moving forward, we continue to prepare for the written exam in May. Meanwhile, Year 10's are busy preparing for their devising pieces; we're looking forward to seeing some dynamic performances.

Our Year 7 students have been enjoying exploring the works of William Shakespeare; we have produced a variety of pieces ranging from comedic mime in As You Like It to the witches in Macbeth. We've had lots of fun and it's great to see confidence grow as students explore new skills.

Finally, preparations are underway for this year's Creativity Festival. Once again, we aim to provide a variety of opportunities for our students to explore and enjoy. More information will be available in the coming weeks.

Happy Easter from,  
The Drama Department

Mrs S Berriman



## Marden Question Time

On Friday 10th March we welcomed local MP Sir Alan Campbell into school to talk to our Year 9 students in a Question Time style lecture in the Auditorium. This links to our current Year 9 topic on social injustice whereby students have studied a number of poems, articles and texts (including the critically acclaimed film: I, Daniel Blake) linked to this theme. Because of the students' thoughtful responses to this study, each English class was able to come up with mature and insightful questions to ask Sir Alan during his talk: these questions linked to topics about food banks, the cost of living crisis, accessible university education and wider economic education for under 18s. Students have then been using their research, discussion, and indeed, Sir Alan's talk to inspire their own protest poetry, viewpoint writing and some students have even been inspired to write letters to Parliament about topics they feel strongly about. Some of their wonderful protest poetry and extracts from persuasive letters can be seen below:

I don't know you, yet you know me best.  
You wipe your tears with my sleeve  
Ruining me before you ruin yourself  
Pouring Guilt, blame, and regret into my hands.

So my smile means more than happiness and humour?  
i guess i am up to know good  
I'm a shadow in the light and dark  
Just waiting for change...

So you know my words before you hear them?  
Believing in your own imagination  
Think what you think?  
No, think what you know

So I'm a misfit of a backwards world.  
Not rotten but still thrown away  
Wheres theres chaos,  
There's 'bur' names

So because i am one colour,  
I am no peace?  
So because my accent may sway one way,  
I am a joke for you?

So you tell me,  
With your absurd assumptions  
Who am i?

By Faith - Year 9



Sparkling sky's changing in a minute,  
The blue was only a disguise,  
Brown plastic filled water was surrounding everything,  
Flooding unsuspecting houses,  
Chasing people to higher heights,  
Contaminated water with floating bottles,  
Drifted fast through the water,  
Splashing into rooms like a small tidal wave.

News channels warn that there's more to come,  
Ignorance to the issues,  
Show the little appreciation to the place that's home,  
Warnings everywhere,  
There has to be something people can do,  
Changing ways and spreading awareness,  
The life of our planet is at stake,  
Soon the destruction of man.

By Emma - Year 9

*The climate is progressively gaining more and more attention as days pass due to the negative impacts we collectively are experiencing but also contributing to. World Leaders clearly are desiring the wrong type of green, a paper slip with a percentage of income dominates over the green we should be trying to save for the upcoming generations. On November 15th 2022 the earth's population reached 8 billion. 8 billion people with their own desires and dreams raised by mother nature but polluted by their own creator. It is stated that climate change is reversible but that may not be the truth. This planet is scared and bruised but to heal it will redeem us with something much greater than what we currently have. As a 14 year old I would say we don't have enough will to grant our ideas to the higher ups but at the end of the day we are "25% of the population but 100% of the future".*

By Daniel - Year 9





# World Book Day!

World Book Day this year was held on Thursday 2nd March and there was a fantastic array of activities taking place across the whole school and in English lessons. There was, as always, Mr Horn's devilishly difficult literature quiz; students were surprisingly competitive answering a range of questions on book covers, audio books and literature themed riddles. Additionally, the dedicated literacy leaders planned a whole range of exciting activities (including a fantastic assembly) for all students around school to get involved in: creative competitions to produce artwork, cakes, photography all inspired by literature, writing book reviews that other students might enjoy as well as documenting everything they have read over the week to make us realise how reading is truly all around us! There were lots of extra house points on offer and students really excelled and produced some truly exceptional work.

**WORLD BOOK DAY**  
1 MARCH 2023

## WORLD BOOK DAY COMPETITIONS!

**COMPETITION 1**  
**Get creative!** Create a piece of artwork, bake a cake, design a book cover, write a song, take a photo, dress up, do anything inspired by books and reading!!!

**COMPETITION 2**  
**Write a book review** about your favourite read. Fiction or nonfiction, a newspaper article, or a piece of poetry/ song.

**COMPETITION 3**  
To encourage you to read more frequently, one of this years challenges is to **read as much as you can**. You must **document** how much you read this week and what it is.

All entries receive 50 house points!

3rd place - 75 house points

2nd place - 100 house points

1st place - 150 house points

**Marden Literacy Leaders**

Send your entries to [literacyload@mardenhigh.net](mailto:literacyload@mardenhigh.net)



## Writing Competitions

Every year there are a plethora of exciting writing competitions which students at Marden can enter. Many of these are led by Ms Taylor's fantastic literacy leaders and library club and these are always open to everyone! When the opportunity presents itself however, students have the additional chance to also enter their brilliant writing into national competitions and become published authors themselves. These national competitions usually have a topical link; and our latest one has no exception, perhaps a usually unheard of link to English and creative writing too: maths! Over the last fortnight, many of our KS3 English classes have thought about this latest national initiative titled 'Integer' in their lessons, giving students the task to write a short 100 word story inspired by numbers. We have already had superb entries so far and hope that many of our students will be published in this national collection.

*They said it was easy to achieve dreams. but was it?*

*It was a normal day. I was at work, all was well yet something felt off, I tried to ignore the feeling. All of a sudden, the emergency bell started. I worked at NASA space station, and we had a problem. All the tests for the new model went well so what happened we had 50 innocent people on that ship and now their lives were at stake. I went home and unexpectedly received a call from a man. He knew what happened, he was behind it all...*

Emmie - Year 7





Here is what your English teachers have on their Spring Reading List:

- Mr Horn: *Stories I Might Regret Telling You* by Martha Wainwright
- Mrs Cathcart: *Lady MacBethad* by Isabelle Schuler
- Miss Laing & Miss Boyle: *Really Good, Actually* by Monica Heisey
- Mr Ranson: *Good Pop Bad Pop* by Jarvis Cocker
- Ms Taylor: *The Yellow Kitchen* by Margaux Vialleron
- Miss Lees: *NW* by Zadie Smith
- Mrs Todd: *It Starts With Us* by Colleen Hoover
- Mrs Eastlake: *Wuthering Heights* by Emily Bronte



Mrs E Cathcart



## Year 10 Media Studies - Magazine Front covers

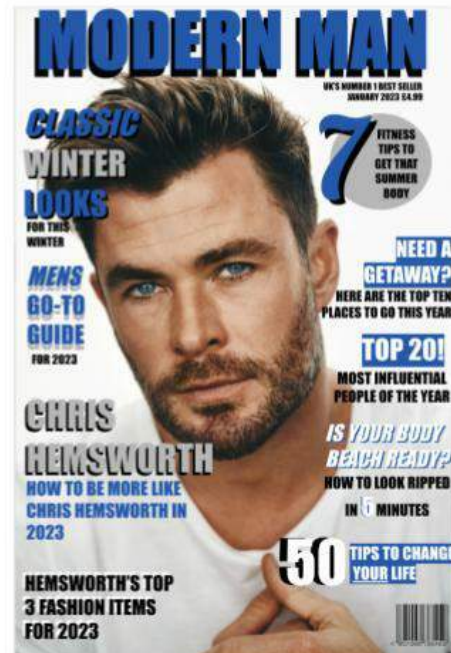
*60 minute creative practical task:*

Create the front cover of a magazine called **MM (standing for Modern Man)** aimed at **ABC1 Men aged 30-40 living in the UK.**

Sophie Anderson



Cerys Carle

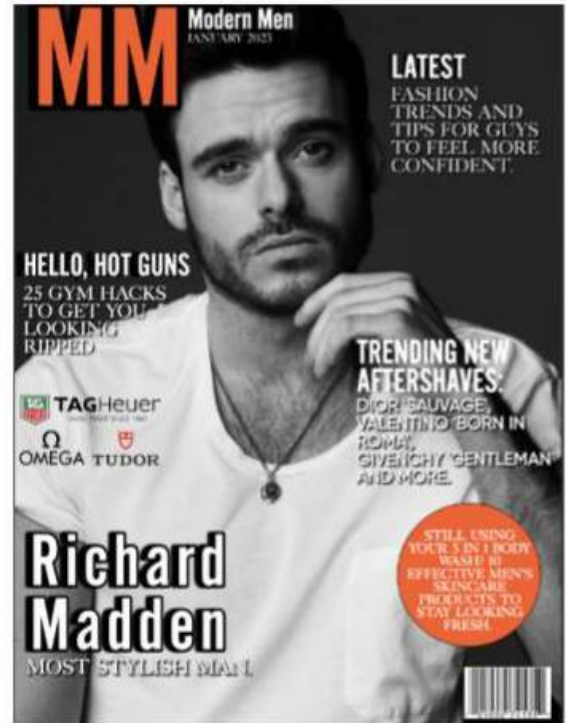




Skye Hall



Sophie Harman



Cameron Ross

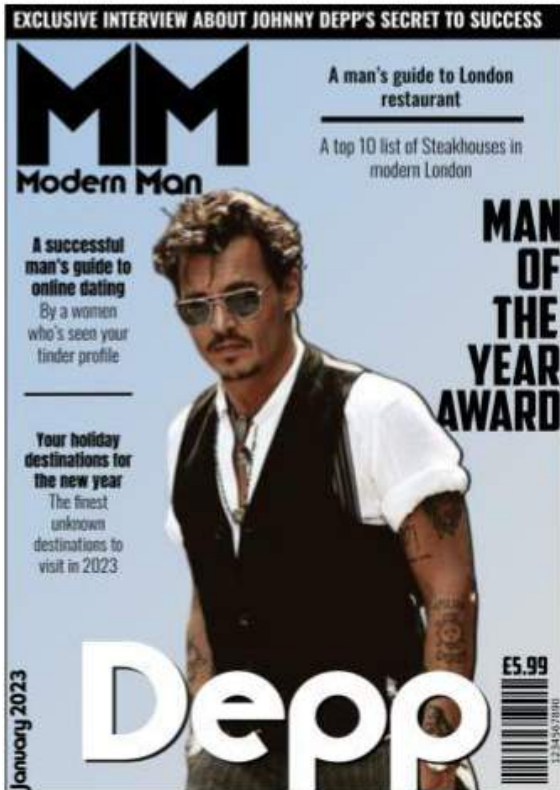


Teddy Chambers





Tom Langley & Luke Brown

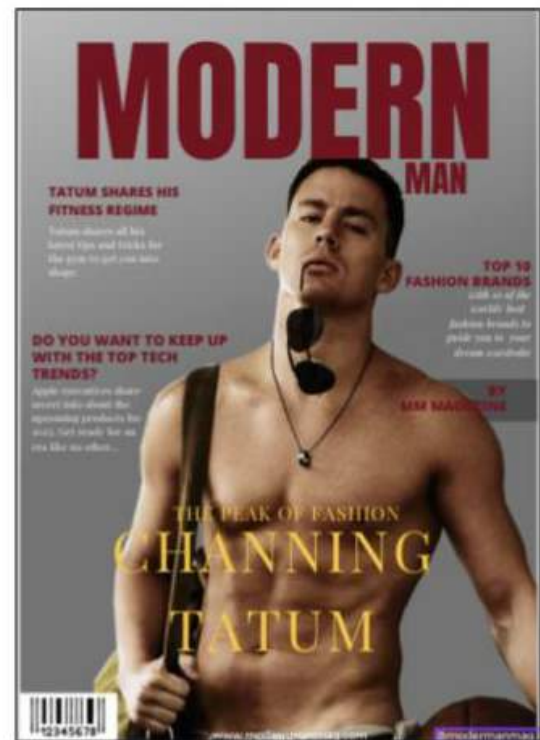


Connie Yeomans, Amara Rawlings & Tilly Smith



Ankitha Ramesh

Jennie Darby



Mr J Ranson



Students have been studying their final topic, Changing Economic World. It has been lovely to see students engaging well with this topic particularly around topical issues such as the development of HS2 and Heathrow airport. This week, Year 11 students received the pre-release booklet for their Paper 3 exam. Students can find lots of resources to support them in their preparation on their Google Classroom, including video clips, interactive flashcards and infographics.

Year 10 students have been studying the Paper 1 Topic Hazards. They have taken a mature approach to their studies by completing revision resources as homework at the end of each topic. This topic highlighted to students the relevance of the subject with numerous natural hazards being in the news whilst they studied the topic. As a department we are currently planning GCSE fieldwork, we are really looking forward to being able to get back out into the field again with our students! We will be completing two fieldwork enquiries, one physical and one human. Both trips allow the students the opportunity to develop their geographical and enquiry skills outside of the classroom environment.



Year 9 students have been studying the topic of Extreme Events. Students have enjoyed learning about different extreme events and in particular tornadoes and hurricanes. Students have produced some excellent presentations on storm chasing in the USA.

Year 8 students have been studying the topic of Rivers and Flooding. This has allowed students to understand the natural processes around us and to gain a wider understanding in the world in which we live. With all the extreme weather that we have been experiencing over recent years, it has been very easy to link our classroom based learning to issues in the news. Carrying on with the creativity theme, students wrote stories outlining the hydrological cycle.

Year 7 students have been studying Climate Change this term. Students used their knowledge to plan a sustainable city. They used their creativity, resilience and team building skills to plan the design of their city. It was great to listen to all the conversations the students were having regarding sustainability and protecting the environment. We are lucky to have students with such a good understanding of their role in environmental stewardship.

Miss C Robson



**House games:**

This term has seen over 200 Marden pupils take part in the House games tournaments, with all Year groups competing in Football and Netball competitions. All fixtures were played in a fantastic spirit and the games themselves were fiercely competitive. Congratulations to the winning Houses in each competition:

**Football:**

- Year 7 - Alnwick
- Year 8 - Alnwick
- Year 9 - Alnwick
- Year 10 - Warkworth
- Year 11 - Alnwick

**Netball:**

- Year 7 - Warkworth
- Year 8 - Bambrough
- Year 9 - Dunstanburgh
- Year 10 - Alnwick
- Year 11 - Warkworth

The overall winners of the House games were Alnwick, triumphing in 5 of the 10 competitions.

Year 11 - Alnwick - Volleyball

**Extracurricular activities:**

Pupils have continued to enjoy the extracurricular activities on offer this term, with activities moving indoors due to the dark nights. Pupils have taken part in clubs for Volleyball, Table Tennis, Badminton, Netball and Basketball. All pupils are welcome to attend extracurricular clubs, and more information is available from the PE staff.



### **Football:**

League and cup fixtures took a break during the winter months, with only the 7-a-side central venue tournaments taking place during January and February. Boys and girls from all Year groups represented the school in these competitions, with many Marden teams leading their respective leagues after this round of games. The final round for these competitions will be early in the summer term and we wish all teams the best of luck.

March saw the recommencement of the league and cup competitions with the Year 7, 8 and 9 boys teams topping their respective leagues before the winter break and all through to the Semi-Final stage of the North Tyneside Schools Cup competitions. All 3 teams have performed brilliantly in the games they have had and are looking for the League and Cup double early in the summer term.

### **Netball:**

The Marden High Netball teams have continued to dominate the local schools leagues in the spring term, with all teams gathering wins in their games this term. The Year 11 girls finish their season with a remarkable record; they finish the season unbeaten, which means they have gone through their entire school career without losing a single game. Not. One. Game. A truly astonishing record that will no-doubt go down in Marden folklore as one of the greatest teams the school has ever had.

Not content with going unbeaten for 5 years, the Year 11 team threw down the gauntlet and challenged the Marden staff to a Netball game. The staff accepted this challenge and assembled a team to play in an after school friendly match. Some staff were playing in their first ever Netball game, but all involved were there to have fun and enjoy playing some Netball. Despite taking an early lead, the staff team could not hang on, and it was the youthful exuberance of the Year 11 team that prevailed over the experience of the staff team in the end, winning 15-10.



**Rugby:**

The Year 8 rugby team competed in the Northumberland County 7's competition held at Newcastle University this half term, finishing in 3rd place overall, winning 4 of their 6 games, beating some of the top rugby playing schools in the county. The players represented the school splendidly, with opposition coaches remarking how well the boys played in the games and how they displayed a great sense of team spirit throughout.





**Handball:**

The Year 8 boys Handball team had their first taste of competition when they attended the Tyneside Schools festival in Walkergate. Having only played the game in PE lessons, the boys eased into the competition with a win against John Spence, before meeting a more experienced Wellfield Middle School team, who took the game by a close margin. The final game was a game against Benfield, and having learned a lot in their previous 2 games, the Marden team came out comfortable winners. The team came 2nd overall and thoroughly enjoyed the experience.

Mr G Smith



## Personal Development

This half term in Personal Development, year 9 students have had a variety of different lessons under the heading of 'Lived Experiences'. This has involved speakers coming into school to speak with the students about their real life experiences and what they have learnt from them.

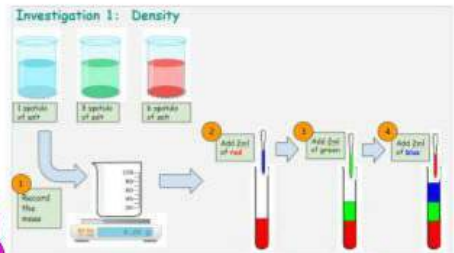
This has included managing mental wellbeing, a focus on sexual health, promoting positive masculinity, fighting racism and prejudice and how to be a good ally. The different lessons have been very well received by the students and culminated in a drop down day for the whole year group last week. This meant that students had the time to reflect the theme of respect and pull together everything from the whole half term.

Mrs C MacLeod



Creativity in lessons has been high on the teaching and learning priorities and Mrs. Russell has worked with maths and other science staff to develop these lessons, this term

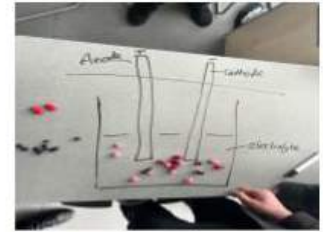
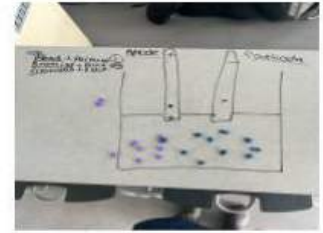
- Hypothesis:  
The height of ramp will affect the speed of a car rolling down a slope
- Independent variable  
Height of ramp
- Dependent variable  
Speed of car
- Control variables  
Distance (1m), size of car, type of car, surface



Students are engaged in the learning of scientific concepts and have found the ways of developing their understanding interesting and useful to build their knowledge of the concepts



Creativity



Modelling the process of electrolysis using plasticine and whiteboard pens



# IF YOU WERE an ENGINEER WHAT WOULD YOU DO?<sup>®</sup>



STEAM club have been working as Young Engineers to interview an engineer and develop a solution to a problem that they need to solve. They have sent off their entries to the Young Engineers project. They met Michael Grave, a retired chemical and nuclear engineer who enthused the students with his stories of his job. There were a range of entries including the No-Need Sofa, Gum-proof shoes, the Alexa wardrobe and many others.

To begin with, the STEAM Club spent time researching some engineers, so that they could understand how an engineer works.



### Research some engineers and engineering

<p>I researched the Saturn V Rocket:</p> <ul style="list-style-type: none"> <li>It took only six years from paper to launch             <ul style="list-style-type: none"> <li>This is really fast for a rocket</li> <li>It succeeded in doing this partly from having a LOT of money and partly from very good organisation</li> </ul> </li> <li>It had 13 missions</li> <li>Technically, the rocket is just called Saturn V, Apollo was the specific mission             <ul style="list-style-type: none"> <li>Apollo was the mission that famously transported the crew who would soon be the first people on the moon</li> </ul> </li> <li>It used more fuel in ONE SECOND than was used over the whole of the world's first transatlantic flight             <ul style="list-style-type: none"> <li>Charles Lindbergh crossed the Atlantic in 1927 in the aircraft Spirit of St Louis</li> <li>In just a tenth of a second, Saturn V burned 10 times as much fuel as Lindbergh used on his entire journey!</li> </ul> </li> <li>This was the rocket that took Neil Armstrong to the moon             <ul style="list-style-type: none"> <li>"One small step for man, one giant leap for mankind."</li> </ul> </li> </ul>	<p>I also researched Isambard Kingdom Brunel:</p> <ul style="list-style-type: none"> <li>Lived from 1806 to 1859</li> <li>He was a child prodigy and began learning Euclidean geometry by the age of 8!</li> <li>Some inventions include:             <ul style="list-style-type: none"> <li>Great Western Railway</li> <li>Paddington Station</li> <li>Thames Tunnel</li> <li>SS Great Eastern</li> <li>SS Great Britain</li> <li>SS Great Western</li> </ul> </li> <li>He died of a stroke while on the SS Great Eastern as it was testing its engines.</li> </ul>
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Hartington Road  
North Shields  
NE30 3RZ

#### Engineering Letter

My design is extremely helpful and stylish ; You will love it!

Do you wear glasses?

Have you ever had your vision blocked out by rain?

If so , read on...

My design is a glasses demister that demists your glasses when they're wet.

They are environmentally friendly and are powered by solar power on the glasses arms. If there is no sun , the glasses can be charged with a stick on charger which would be attached to the arms or you could use the solar powered battery which would also be effective. Did you know that 59% of the U. K. population wear glasses? That's more than 39 million people! Back to the design... The heat will come out of the bottom of the rims ; your glasses will be demisted rapidly! You might think that glasses windscreen wipers would be better and more effective but that would be incorrect. The windscreen wipers would stick out and look strange to some. Then when they would go into action , your vision would be obstructed by the windscreen

### I chose the problem... Chewing gum!

**Recyclable / reusable gum**

- Not very hygienic
- Could add new flavours each day
- Must be cleanable

**Biodegradable gum**

- Exists!
- Still lasts a while though
- Not being sold much

**Biodegradable gum**

- Exists!
- Still lasts a while though
- Not being sold much

**Hydrophobic shoe soles**

- This wouldn't work as gum has a very low moisture content.
- The idea was that the shoes would repel the gum and so you wouldn't get gum stuck to your shoes

**Soluble gum**

- Exists!
- Not very popular
- Wouldn't it just melt in your mouth?

**Digestible Chewing Gum**

- Basically a chewy sweet
- Exists!
- Probably not scalable as it is made from tree gum

**Oil-free shoe soles**

- Chewing gum repels water but attracts oil. This is why it sticks to shoes and hair. If the shoes did not have oil in them, it would no longer stick to shoes!
- Oil-free rubber is under development to be used for car tyres
- Doesn't solve the issue of gum on pavements but might make it nicer for pedestrians and make the shoes themselves more eco-friendly

Then they decided on a problem and used the design approach to brainstorm as many solutions to their problem as they could before choosing their final design.

The STEAM Club members settled on their final design and submitted their entry including an annotated diagram and a letter written to an engineer persuading them to make their product.



Mrs C Atkinson



## World Book Day Celebrations

We celebrated *World Book Day* this March with a whole week of activities, competitions and an exciting assembly, all created by the Literacy Prefects and Literacy Leaders.

*World Book Day* is a worldwide celebration of books and reading. The mission is to promote reading for pleasure, explore what's out there and offer every young person the opportunity to have a book of their own. Regularly *Reading for Pleasure* has been proven to have more impact on a young person's academic attainment and life chances than their family circumstances, their parents' educational background or their income.

Here are some of the impressive entries that we had for the competitions - a plethora of artwork, reviews, baking, photography and creative writing!





**WORLD BOOK DAY**  
3 MARCH 2023

**ARTWORK**

**Nadine Fail**



**Georgia Reece**



**Freya Grange**




Library


**WORLD BOOK DAY**  
3 MARCH 2023

**ARTWORK**


**Eva Henderson**




**Rebecca Malcolm**



**Mikey Sproat**



**Jasmine Baker**



Library



WORLD BOOK DAY 9 MARCH 2023

BOOK-Y BAKING



Harry Pearce



Isabelle Watson



Sophie McNeill

WORLD BOOK DAY 9 MARCH 2023

BOOK-Y BAKING

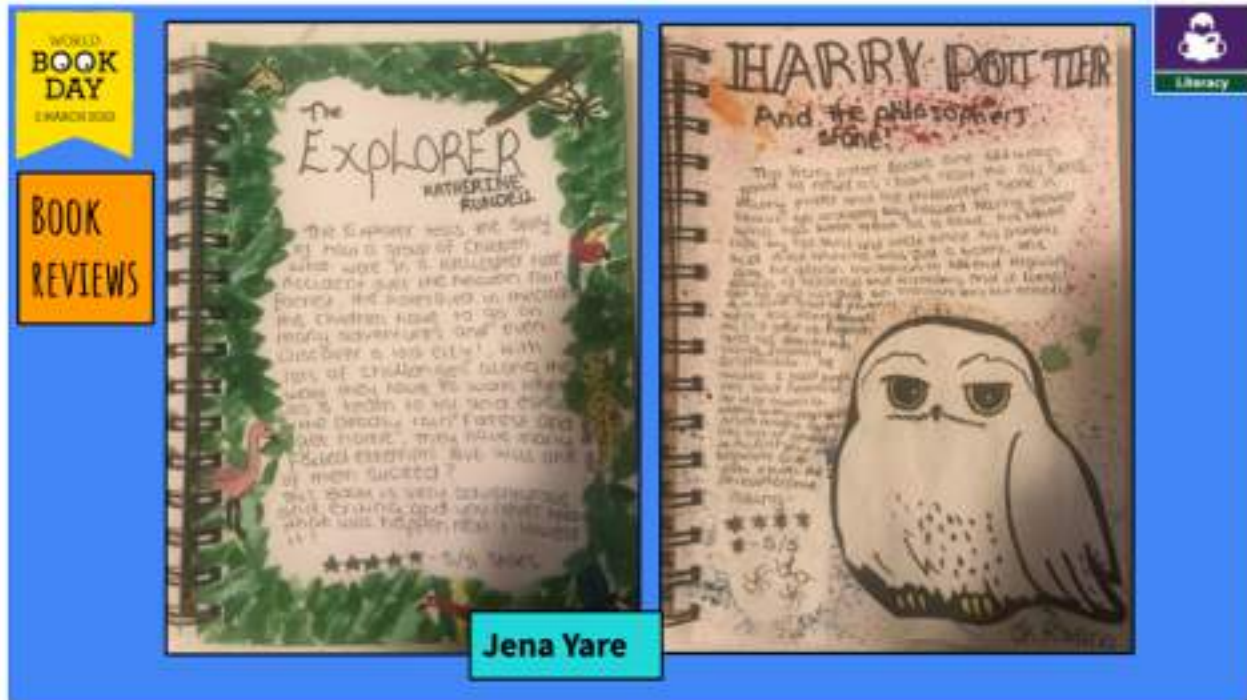


Oliver Hair



Matilda Burton & Grace Clarke





### New National Creative Writing Competition

It was National Pi Day this half-term and - to celebrate- we launched a new opportunity to take part in a national competition and become a published writer! Students have until the end of March to write a short story inspired by numbers! Students need to submit their stories through the Young Writers online platform. The link has been emailed to them from Ms Taylor. The winning stories will be published in a real book and the top 5 writers (chosen by Young Writers) receive £50!

## National Pi Day: Literacy + Numeracy

**INTEGER:**  
[in-tuh-juh] noun  
a number which is not a fraction, a whole number

Numbers are everywhere, from our phones and watches to calendars, prices, temperature...

What's the significance of a broken clock? Why is 13 unlucky for some? Why is the deadline so urgent? Who can crack a secret code? What is the year 2099 like? What if 1984 was real?

**Your Challenge:** Write a 100-word story inspired by numbers!

There is a new national competition from **Young Writers** - a chance to become a **published** writer with the winning stories being printed in a **real book**. The top 5 writers also win **£50**.

Submit your entries on the **Young Writers** portal (Ms Taylor has emailed you the [link](#)).

**£50 AWARDED TO OUR FAVOURITE 5 WRITERS!**

**31 MARCH 2023**



## Lunchtimes in the LRC

The Library is now open for students to use during break and lunch-times! The Literacy Leaders are currently being trained to run the Library desk. Students can browse books, have a quiet read, complete homework on the chromebooks, do some creative writing or join a book club! If there are any suggestions for activities and clubs that you would like to see (or run!) in the Library, email the [libraryclub@mardenhigh.net](mailto:libraryclub@mardenhigh.net).

# Library Opening for Lunchtimes!

OPEN EVERY  
LUNCHTIME  
& AFTER  
SCHOOL.

Browse the shelves.

Take a comfy seat and read!

Take a look on Oliver (the Library website) to check what books we have.

If you have a book you would like to see on the shelves then let the Library Club know! Send them an email [libraryclub@mardenhigh.net](mailto:libraryclub@mardenhigh.net) or leave a note in the box on the LRC desk.

THE LIBRARY CLUB WILL BE HERE EVERY LUNCHTIME TO HELP WITH RECOMMENDATIONS, SUGGESTIONS OR QUESTIONS! COME AND CHAT TO US!

Check out the subject specific sections. Interested in art, music or sport – see what books we recommend!

## Spring Term Reading Recommendation

Here is a reminder of the Literacy Leaders' recommended books for each year group this Spring term! It has also been emailed to parents via the Parent Portal.

## SPRING READING RECOMMENDATIONS FROM THE LITERACY LEADERS...

Year 7

Year 8

Year 9

Year 10


Year 11

Marden Literacy Leaders

Jazz



## Join the Literacy Leaders!



**Literacy is Power**

**Marden Literacy Leaders**

We need Literacy Leaders to come up with ways to encourage writers, inspire readers and empower voices!


Are you a voracious reader, a brilliant writer, a superb public speaker? Would you love to be involved in planning events, activities and competitions?

- Mentor younger students
- Create engaging displays.
- Create reading lists, books of the week & books of the month.
- Create & run literacy events & competitions across the school to get other students interested in reading & writing!
- Develop the library website!
- Run the library & come up with ways to develop the library & make it an exciting place to be!
- Run activities & competitions.
- Develop the Literacy Cloud
- Decide on new books for the LRC!

Interested in becoming a Literacy Leader?  
Email Ms Taylor [a.taylor@mardenhigh.net](mailto:a.taylor@mardenhigh.net)

## Explore the Literacy Cloud

For Reading Recommendations, book lists, creative writing competitions, discussion questions and published creations!



LITERACY @ MARDEN

READING

Literacy

**Looking for things to read alongside your books?**

Visit the "Reading" section of the [Literacy Cloud](#) and find lots of links to explore!



# Get published on the Literacy Cloud!

If you would like to be featured on the [Literacy Cloud](#) then share your reading recommendations and reviews; original creative writing; artwork inspired by your reading; enter competitions and challenges...  
[literacycloud@mardenhigh.net](mailto:literacycloud@mardenhigh.net)  
 Each entry wins 50 house points!



LITERACY @ MARDEN

CONTENTS

READING WRITING ORACY

**BBC NEWS**  
Weekly Literacy Mini Challenge

**Kindness and Empathy Creative Challenge**

CHALLENGE Goals: something to inspire, something to celebrate, something to share!

How you can win: by submitting your work to the challenge by the deadline in the Green Book and making it your best!

# Creative Writing on the Literacy Cloud

Check here for any competitions and events.

Visit the "Writing" section of the [Literacy Cloud](#) to see all of your creative writing!

Send any of your creative writing to [literacycloud@mardenhigh.net](mailto:literacycloud@mardenhigh.net). Each entry wins 50 house points!

Find the Weekly Literacy Challenge

MARDEN WRITES

CONTENTS

**LITERACY CHALLENGES, COMPETITIONS & EVENTS**

**YOUR CREATIVE WRITING!**

Take a moment to read your story, poem, or message of kindness and empathy.

Ms A Taylor



# MARDEN



## Reading List

Here are some suggestions of books you might want to read over year 7.

(You should be trying to read at least

- The Enemy - *Charlie Higson*
- Cosmic - *Frank Cottrell Boyce*
- Wonder - *R.J Palacio*
- Treasure Island - *R.L Stevenson*
- The Adventure Series *Lee Tony*
- The Adventure of Huckleberry Finn - *Mark Twain*
- Blitzcat - *Robert Westall*
- Holes - *Louis Sachar*
- Stormbreaker - *Anthony Horowitz*
- The Hobbit - *J R R Tolkien*
- Madame Doubtfire - *Anne Fine*
- The Edge - *Alan Gibbons*
- Millions - *Frank Cottrell Boyce*

## Want a challenge?

- War Horse - *Michael Morpurgo*
- Great Expectations - *Charles Dickens*
- The Lord of the Rings Trilogy - *JRR Tolkien*
- The Book Thief - *Marcus Zusak*
- The Adventures of Sherlock Holmes - *Sir Arthur Conan Doyle*

## Reading List

Here are some suggestions of books you might want to read over year 8.

(You should be trying to read at least one of these per half-term)

- The Adventures of Sherlock Holmes - *Sir Arthur Conan Doyle*
- The Hitchhiker's Guide to the Galaxy - *Douglas Adams*
- The Hunger Games - *Suzanne Collins*
- After the First Death - *Robert Cormier*
- The Universe Versus Alex Woods - *Gavin Extance*
- The Enemy - *Charlie Higson*
- Cosmic - *Frank Cottrell Boyce*
- Carrie's War - *Nina Bowden*
- The Foreshadowing - *Marcus Sedgewick*
- The Northern Lights series - *Philip Pullman*
- Noughts and Crosses - *Malorie Blackman*
- Treasure Island - *R.L Stevenson*
- Martyn Pig - *Kevin Brooks*
- The Ruby in the Smoke - *Philip Pullman*
- Small Steps - *Louis Sachar*

## Want a challenge?

- The Curious Incident of the Dog in the Night-Time - *Mark Haddon*
- Life of Pi - *Yann Martel*
- The Help - *Kathryn Stockett*
- Animal Farm - *George Orwell*
- Jane Eyre - *Charlotte Bronte*



# MARDEN



# READS

## Reading List

Here are some suggestions of books you might want to read over year 9.

(You should be trying to read at least

*Animal Farm - George Orwell*

*The Curious Incident of the Dog in the Night-Time - Mark Haddon*

*Of Mice and Men - John Steinbeck*

*The Absolutely True Diary of a Part-Time Indian - Sherman Alexie*

*Looking for Alaska - John Green*

*Lord of the Flies - William Golding*

*The Help - Kathryn Stockett*

*Life of Pi - Yann Martel*

*Want a challenge?*

*Wuthering Heights - Emily Bronte*

*Junk - Melvin Burgess*

*1984 - George Orwell*

*The Catcher in the Rye - J.D. Salinger*

*The Great Gatsby - F.Scott Fitzgerald*

## Reading List

Here are some suggestions of books you might want to read over year 10 & 11.

(You should be trying to read at least

*Tip! Try to get into the habit of reading newspapers too! This will help for your*

*1984 - George Orwell*

*Animal Farm - George Orwell*

*A Room with a View - E.M. Forster*

*The Book Thief - Markus Zusak*

*Brighton Rock - Graham Greene*

*Catch 22 - Joseph Heller*

*The Catcher in the Rye - J.D. Salinger*

*The Color Purple - Alice Walker*

*The Curious Incident of the Dog in the Night-Time - Mark Haddon*

*David Copperfield - Charles Dickens*

*East of Eden - John Steinbeck*

*Frankenstein - Mary Shelley*

*The Grapes of Wrath - John Steinbeck*

*The Great Gatsby - F.Scott Fitzgerald*

*The Help - Kathryn Stockett*

*I Know Why the Caged Bird Sings - Maya Angelou*