

St Martin-in-the-Fields High School for Girls

A Church of England Academy
Service Compassion Justice Perseverance



SIMPLY THE BEST!



**HOME
LEARNING**
at St Martin's

ISSUE TWO
24.4.2020

INTRODUCTION

Welcome to our second issue of St Martin's Home Learning Bulletin. This bulletin, Simply the Best! is a showcase of students learning and a celebration of their maturity and continued determination to focus on their education.

The bulletin brings together a small example of excellent learning for all to see and celebrate. We want to take this opportunity to share with all members of our school community how proud we are of our students' learning.

During school closure we will be producing regular bulletins. So students, if an example of your learning is not in this edition, there will be plenty more opportunities for you to contribute.

We hope you enjoy reading this second issue and we look forward to sharing a new Simply the Best Bulletin at the end of every week.

"The motto of the school Caritate et Disciplina -With Love and Learning, is driven by all staff in a common endeavour to improve pupils' life chances" (Ofsted). We are witnessing this commitment first hand as we all pull together during these unprecedented times.

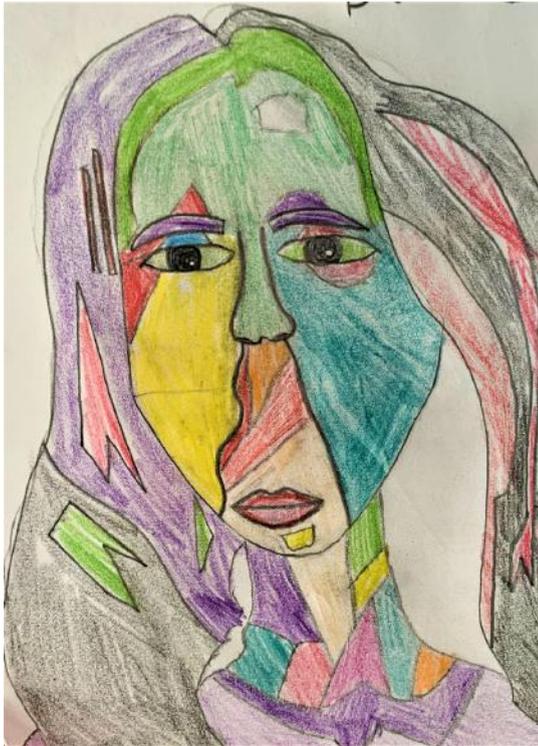
Beverley Stanislaus
Headteacher



ART

The portraiture work are student responses to Celebrity Portraits influenced by the work of Pop Art and having researched Andy Warhol. The objects are students observation drawings of an object around the home making use of one key Formal Element; in the examples shown these are Tone, Texture & Colour

Katerina and Tanisha Year 7



Zaneta and Zayra Year 8



COMPUTER SCIENCE

Gabriela Year 10

Task 1: Hexadecimal conversion

a. Denary to Hexadecimal conversion

- a) Convert denary 19 to hexadecimal: $19/16=1.1875$ $19-16=3$ 13
- b) Convert denary 44 to hexadecimal: $44/16=2.75$ $44-32=12$ 212 correct answer: 2C
- c) Convert hexadecimal 19 to denary: $1 \times 16=16$ $16+9=$ 25
- d) Convert hexadecimal A3 to denary: $A=10$ $10+3=$ 13 correct answer: 163

b. Binary to hexadecimal conversion:

- a) Convert binary 00110101 to hexadecimal: $0011=3$ $0101=5$ 39 correct answer: 35
- b) Convert binary 11010111 to hexadecimal: $1101=13=D$ $0111=7$ D7
- c) Convert hexadecimal 1E to binary: 0001 1110 00011110 correct answer: 00011110
- d) Convert hexadecimal FF to binary: 1111 1111 11111111 correct answer: 11111111

Task 3

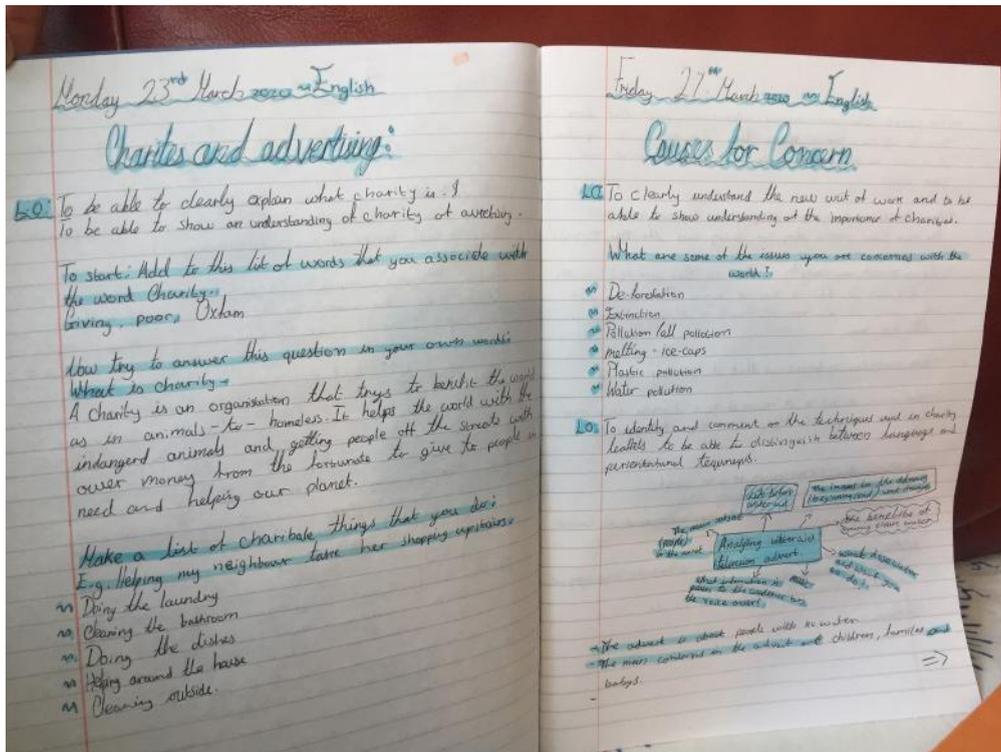
Using a barcode on the back of a book, calculate the check digit using the Modulo 10 system.

ISBN	9	7	8	1	1	0	7	6	1	5	4	9	6
Weight	1	3	1	3	1	3	1	3	1	3	1	3	
Multiplication	9	21	8	3	1	0	7	18	1	15	4	27	
Addition	Add all the numbers												114
Remainder	Find the remainder when divided by 10												4
Subtraction	Subtract the result from 10												6

ISBN	9	7	8	1	9	1	0	5	2	3	0	2	5
Weight	1	3	1	3	1	3	1	3	1	3	1	3	
Multiplication	9	21	8	3	9	3	0	15	2	9	0	6	
Addition	Add all the numbers												85
Remainder	Find the remainder when divided by 10												5
Subtraction	Subtract the result from 10												5

ENGLISH

Sezen Year 7



Aliya Year 10

Funfair description

In a single moment of pure horror, I stumbled onto the grounds of some sort of funfair event. I stood there, weak and vulnerable, failing to catch my breath for the few seconds that I had paused.

In almost every direction, blinding those who dared to look, the lights flashed effulgently, only encouraging the dazed state I found myself in. I gripped my aching side, my bloodied nails digging into its skin in the hope that the agony would subside on its own, agony that only continued to grow with every step. It wouldn't be visible until it turned the final corner, for now, that thing was out of my sight and I prayed that he... it wouldn't find me, whatever it had been.

My thoughts were soon drowned out nearly completely by the cacophony of sounds, each clashing harshly with the next. Soft lullaby tunes and the blaring robotic voices on microphones and the wailing kids refused of the all so essential flamingo coloured candy floss. People came in and out, only the sky had remained constant in its darkness. At least I had escaped from that place.

I thought I'd seen darkness before, the darkness I saw at that moment above my head but with lights blocking what would have revealed snowflakes of the night, the kind that simplifies the world to a shade of grey like a photo from the '20s. What had stubbornly clung to my thoughts wasn't like that, like a needy child it remained. That place. That darkness was the kind that robbed you of your senses and replaced it with paralysing fear. It left you with empty screams and every connotation of death echoing in your mind. It strangled your humanity and made you see another side, a place where you felt helplessly imprisoned in a body that you no longer recognised.

I progressively pushed myself through the crowds and grunted each time a heavy campers rucksack bounced off of my battered body. A group of excitable children were herded along by their protective guardians, chasing the inescapable smell of churros. Immediately, I began to regret the danger that I'd placed so many people in and made the impulsive decision to look. I turned to the spot I'd entered this place.

Scanning through bobbing heads amongst each crowd in its masses, I felt my shoulders tense in preparation for the familiar figure. My heart beating so fast I was so sure it would soon escape my own skin. I attempted to rise to the tips of my toes all the while, stretching my abdomen before wincing at the pain.

But he... it wasn't there. It wasn't anywhere.

HISTORY

Ashraah Year 8

Year 8 students were asked to write a diary of what life was like in the time of the Stuarts. My feedback to Ashraah was that she had written a great diary entry which I very much enjoyed reading, it was splendid. Excellent description, use of rhetorical questions and quotations. All makes for excellent reading. She had obviously carried out her research due to her use of relevant vocabulary. I felt that the reader gained a real sense of empathy.

Dear Diary,

-Monday

I woke up today in pitch darkness, only with a match and a half melted candle to see the shed I had managed to sleep in that night. I got up and dusted myself off and collected my small satchet of coins. I then headed off to the hills where the farm was ready to accomplish all the chores I had to do on a daily basis. When I got there, I could hear the owner yelling at my fellow workmates. I headed for a corner and ducked down so I could hear the vigorous hissing of my boss "One more mistake and you're fired!". On hearing that, I was doubting myself for all the things that I might have done wrong over the working days, in case I would be yelled at as well!

I slowly got up and headed to the ploughs in the field trying my best to not look at him "Oiiiiii come here you!" The fear that entered my body on hearing his stinging voice caused me to shiver. I slowly turned around to see him looking down at my face "How dare you come 5 minutes late to your job! You're fired!!!" My face sank. All these thoughts ran into my mind like how am I going to get money for food? Do I have to beg, starve or at worst steal?

My boss then slung a small bag into my hand "These are your wages, now you better leave!"

I looked back at my friends then back to the direction of the shed and started walking. When I reached the shed, I opened the bag to see only £15. He only gave me three quarters of my wages but what could I do!. I went to sleep crying that night thinking; what would I do now?

-Tuesday

It was around 9:15am when I set out to the city of London. It was cold and misty. The place was covered in fog but still had lots of people bustling around to get to where they needed to be. I then saw a man who looked very weak. His back was bent over and the only thing supporting him was a wooden stick. In his hand was a dirty paper cup with only 2 pence in it. He was a beggar! A sudden thought came to my head "Am I going to become like that too?"

I rushed out of there as far away from that beggar as I could to a valley where I saw paper upon paper with different pictures of men on them which all read 'Wanted?' All of these men had a great bounty under their names, might this mean that somewhere good food could be supplied for me on a daily basis if I could find any of these men.

As I was walking I came across a group of blokes surrounding a wealthy looking man. I looked down adjusting my cap a little so I could hear what they were saying.

At the corner of my eye, I saw one of them tuck a full wallet from the wealthy looking man into their back pocket. They all then left him quickly untouched, but for the man who was left traumatised when he realised what had happened. I then headed back to my shed pretending that I saw nothing, even though I might have just witnessed a robbery!

MANDARIN

Niahally Year 10

Unit 5 section 2 Listening Activity

[audio link](#)

5.18 Listening activity – Although...
Listen to the recording and complete the sentences in English.
Write the answers in your notebook.

- 1) Although I don't like wearing skirts, _____.
- 2) Although _____, he isn't hard working.
- 3) Although _____, he doesn't work in a hospital.
- 4) Although she is old, _____.
- 5) Although _____, I sometimes buy it for her.
- 6) Although _____, he can't speak English.

Answer:

1. Although I don't like wearing skirts, **I wear them everyday.**
2. Although **he is very clever,** he isn't hard working.
3. Although **he is a doctor,** he doesn't work in a hospital.
4. Although **she doesn't like green tea,** I sometimes buy it for her.
5. Although **he lives in america,** he can't speak English.

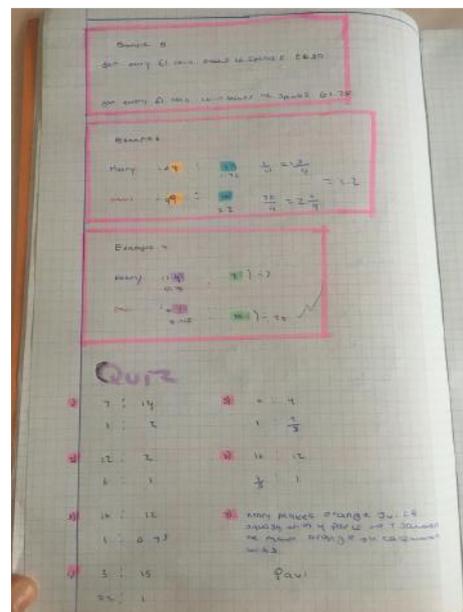
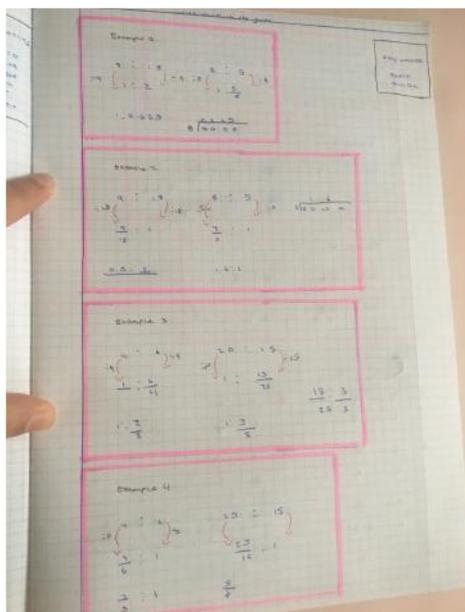
Unit 5 section 2 Writing

Write a diary in **Character**, your dairy also needs to include date and weather. Please write **no less than 100 characters** .

今天是三月二十四日星期二。今天天气太好了。今天早上我跟朋友一起去了饭馆吃早餐。虽然我不喜欢鱼，可是我的朋友给了我鱼。我回家上网，打电话给我的同学。我的同学叫王浩。他很聪明，很努力。虽然他是日本人，可是他会说汉语，他的汉语说得很好。我跟家人一起吃晚餐。我去睡觉了。

MATHEMATICS

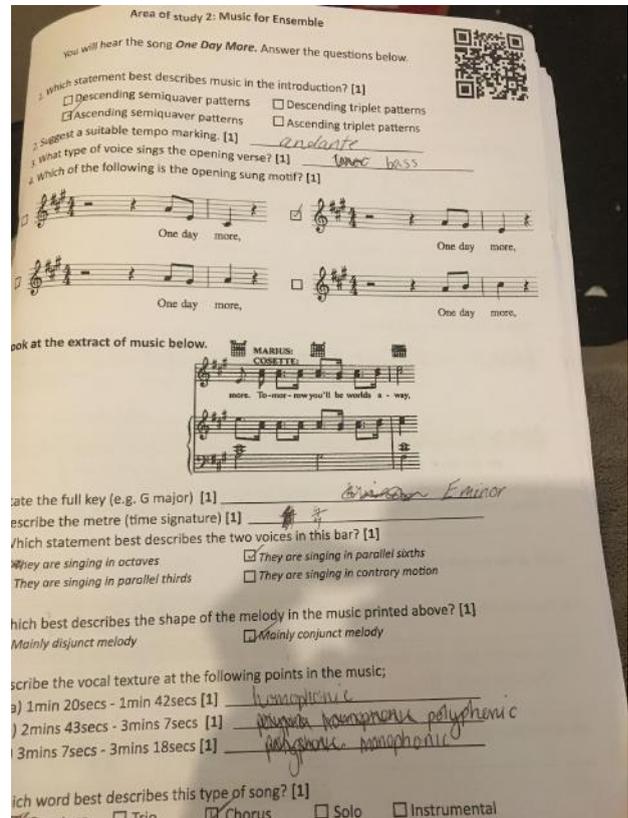
Sashelle Year 8



MUSIC

Serena Year 10

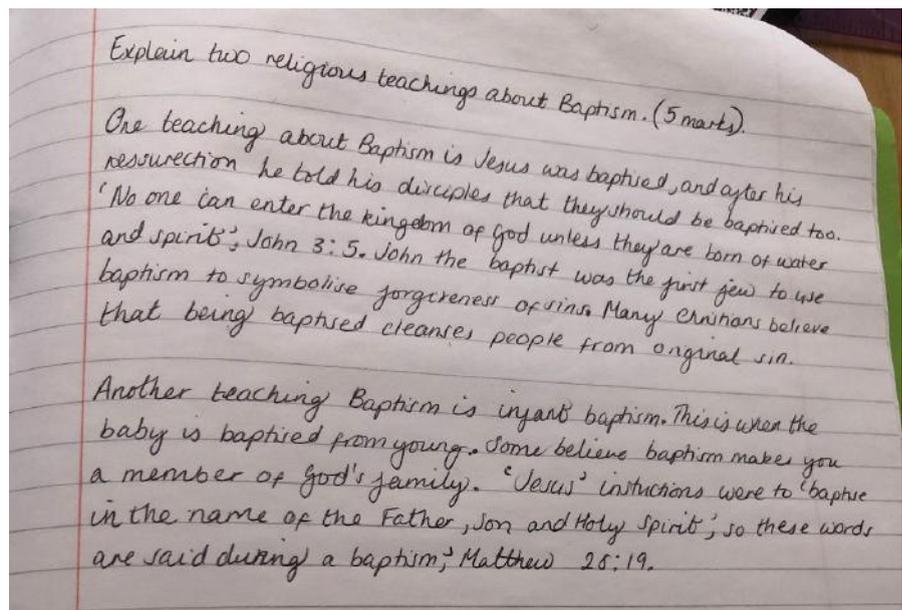
Students were asked to make use of booklets issued on the last day that have QR codes to recordings and GCSE style questions linked to them. This is an example from a Year 10. Things to work on but great progress being made!



RELIGIOUS STUDIES

Krystall Year 9

This term students in Year 9 are focusing on Christian practices. This piece of work gives an exemplary response to the GCSE exam style question "Explain two religious teachings about baptism". The student has used quotes from the Bible to support her answer, it merits full marks, 5 out of 5.



Naa-Dromo Year 7

The task was to design and build a model synagogue, this should be 3D, and built out of recycled materials such as cardboard boxes. The students had to create a plan first, researching the different features of a synagogue.



SCIENCE

Karen Year 8
Making Cheese



The Fermentation of Yogurt

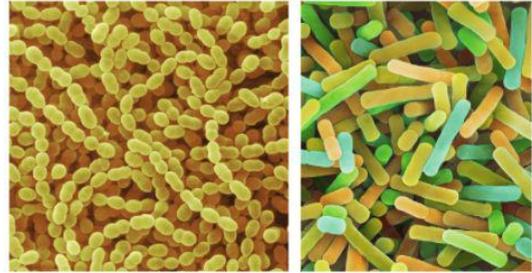


What is fermentation?

Fermentation is a type of anaerobic respiration. The word equation for the lactic acid fermentation is:



Which microorganisms are used in yogurt?



In yogurt, the bacteria used are *Streptococcus thermophilus* and *Lactobacillus bulgaricus*.



How does milk become yogurt?

When the bacteria is added to the milk, they start to eat the lactose (sugars) in the milk.

Is yogurt healthy?

A lot of fermented foods are healthy, including yogurt. It is said to improve digestion, boost immunity and help us maintain a healthy weight. It is very rich in nutrients. It can even prevent some diseases (when eaten often).

B6.4 – Looking at the process of drug trials. Students had to do interactive activities to assess how well they understand the processes involved in drug trials. Interactive activity on Kerboodle.

B6.4 Interactive: What happens during a drug trial?

Drag and drop the sentences to put them in order of how a new drug is developed.

- Researchers target a disease and make lots of possible drugs. ✓
- Drugs are tested on cells or tissues, many drugs fail at this stage. ✓
- Drugs that pass are tested on animals. ✓
- The drug undergoes clinical trials with healthy volunteers and patients. ✓
- In these clinical trials, small doses of the drug are given to people to see if it is safe. ✓
- Larger doses of the drug are given to people to find the correct dosage. ✓

B6.4 Interactive: What happens during a drug trial?

Complete the passage about double blind trials by typing in the missing words.

A method known as a double blind ✓ trial is often used to decide how effective ✓ a drug is.

During a double blind trial some patients are given a placebo ✓ and some are given the drug. They are randomly ✓ allocated to the trial by the doctor and the patients ✓ do not know who has the placebo ✓ and who has the drug.

The patients' health is monitored throughout the trial. At the end of the double blind trial ✓, the patients are told who has been given the placebo ✓ and who has been given the drug. Often the placebo contains a different ✓ type of drug so that the patient still receives treatment.

Results
You scored 9 out of 9.

Close

Flowchart: A flowchart showing the steps of a double-blind trial. It starts with 'Randomly allocated to placebo or drug', then 'Patients do not know who has placebo or drug', then 'Patients' health is monitored', then 'At the end of the trial, patients are told who has placebo or drug', and finally 'Often the placebo contains a different type of drug so that the patient still receives treatment'.

THANK YOU TO THE NHS, HEALTH CARE WORKERS AND ALL KEY WORKERS

Design a poster or write a poem

I am sure that many of you have been joining in with the 'Thursday Clap'. Let's show our appreciation and thanks to the NHS, Care Workers and all Key Workers by designing colourful posters or even writing a poem. In these unprecedented times, our NHS are standing at the frontline and working day and night to keep us safe – while putting their own lives at risk. Our Key Workers are also keeping the country going and we thank them very much indeed.

During these past weeks, we have all been touched by a story, we may have friends and family working for the NHS or are a Key Worker. A family member, friend or neighbour may have been helped by the NHS or a Care Worker. Key Workers are delivering food and filling shelves in supermarkets. Others are keeping the streets clean, emptying our bins, keeping the transport system running and keeping us safe.

As a St Martin's family, whose values of service, compassion, justice and perseverance underpin all that we do, we want to say thank you. We will display the 'Thank You' posters you design on the railings at the front of our school. We want to cover every part, or at least as much as we can. Your 'Thank You' posters will be seen by everyone who passes by our school and will help to make people smile.

We want to have as many posters as possible on display at the front of our school and there will be prizes for the most exciting and creative posters and poems.

Start designing and send your completed poster or poem to: homelearning@stmartins.academy

I look forward to seeing your work and having a display of your posters for everyone to see outside our school.



by Kimera in Year 7