



We are now in our 5th week of school closure and I continue to be incredibly impressed with the engagement of our students with the tasks that they have been completing at home. They have been fantastic. This reflects so well on them and means that learning can continue – albeit from a distance. Students have also been involved in a host of activities and events outside of the curriculum which have been hugely entertaining – all promoting physical and emotional wellbeing which have been great to see.

Thank you once again for your positive feedback that we have received. This provides great reassurance to us that we are managing this situation effectively for the good of everyone. This will continue to be our goal for as long as the closure continues.

In this edition of Insight, we will provide you with some useful information for managing home learning, as well as giving you a snapshot of some of the things that the students have been doing which we hope brings a smile to your face.

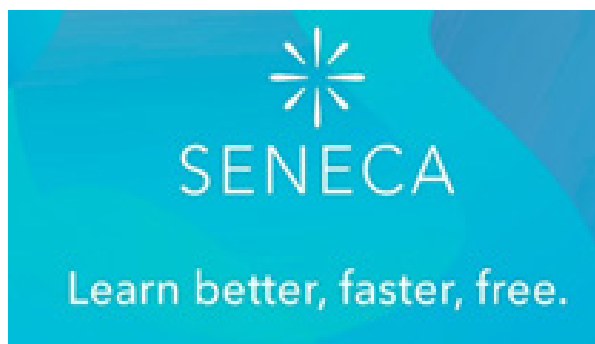
With kindest regards
Simon Corner
Principal

Home Work



We are sure that you will be aware that BBC Learning has commissioned a series of daily lessons covering Years 7 – 10. These are an excellent additional resource to the learning programmes that we have provided for our students which they are readily accessing via Show My Homework. Please visit <https://www.bbc.co.uk/teach/bitesize-daily-lessons-schedule/zdtwjhv> to access the Daily Timetable for Bitesize.

We have a series of further online resources available to you now which we have made available for you on our website including:



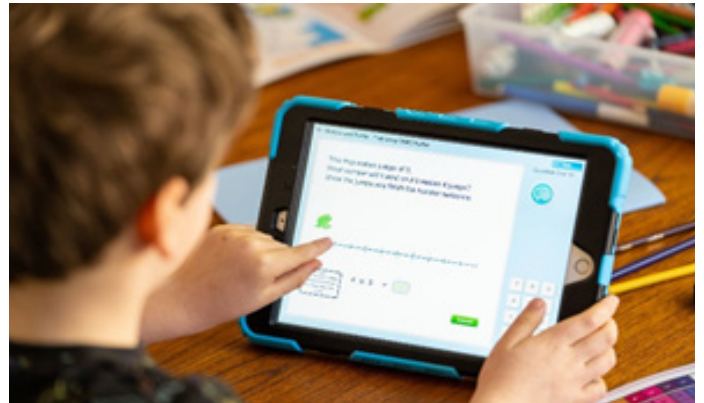
Isolation Inspiration

Lots of organisations are being extremely creative in the way they operate during lockdown and there are so many events and activities that students and families can enjoy together. The National Theatre are running a series of live streams on YouTube of superb productions that are well worth a watch and have included Twelfth Night and Frankenstein. Visit <http://ntlive.nationaltheatre.org.uk/> for more details.



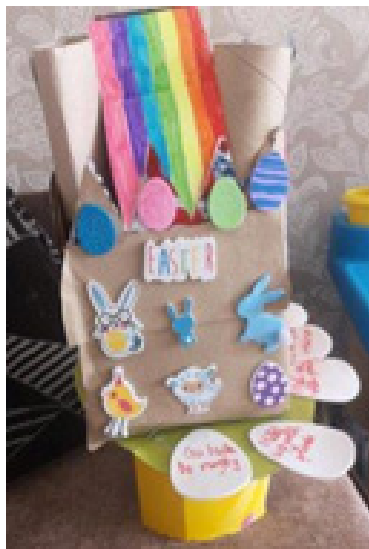
StarLine

Starline is a new telephone helpline for parents and carers who may have questions or concerns about Home Schooling. Qualified teachers and professionals in the field of education, as well as parenting experts are on hand to offer advice so please take advantage of this excellent resource if needed. The helpline number is 0330 313 9162 or visit <http://www.starline.org.uk/>

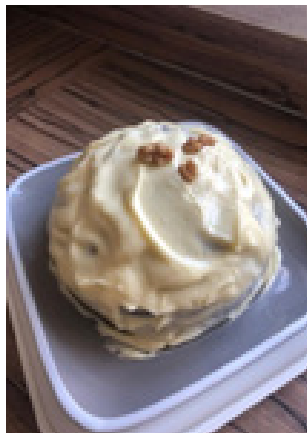
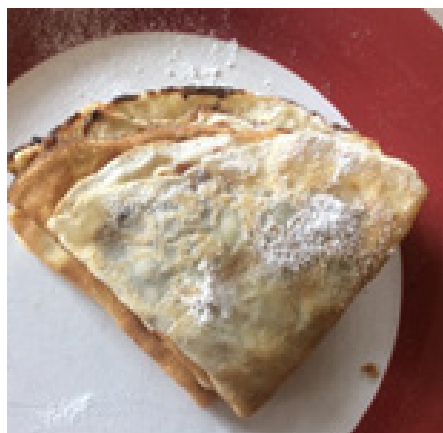


Y7 Easter Bonnet Comp

Over the Easter holiday, our Y7s were tasked with creating Easter themed bonnets and we had a fantastic response which made it so so difficult to decide on the top 3. The staff eventually decided on Hannah Clapham in 1st with her beautiful Easter Bunny Bonnet, with Ms Turner in 2nd with her Alice in Wonderland creation and Alex Skitt in 3rd with his Wish List Hat. All brilliant and thanks to everyone for taking part.



Not to be outdone, our MFL department has run its very own French Bake Challenge – again with some fantastic outcomes. Check out these tasty treats from Eva Moss, Jennifer Wheelhouse and Rubi Bakewell. Well done gals!



Saint George Gets All Mathematical!

Maths have been prolific during this lockdown period with the Brainy Bears keeping the kids entertained with a series of Bamboozling Brainbusters. There was no let up on Saint George's Day either!

St. George's Day

4. David had a box of English buttonhole roses to sell for St. George's Day. He gave Jayden $\frac{4}{9}$ of them to sell, and gave Darnell $\frac{1}{3}$ of them to sell. What fraction did David have left?



Social Media Update

There is so much going on across school that you will be able to see by following us on social media. Teachers and support staff are posting things daily that will both entertain and educate! Our latest faculty to join us on Instagram is wdsience who are already giving Maths a run for their money!



Here's a full list of our social media accounts that are available for you to follow:

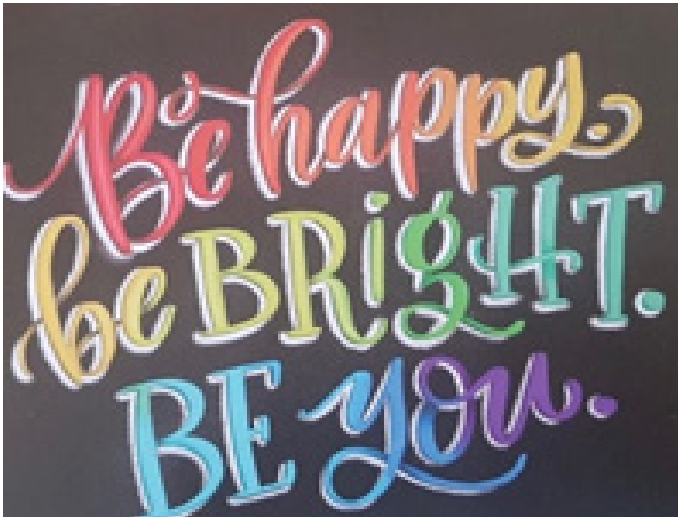
Instagram:

wade_deacon
wdhswellbeing
wadedeaconart
wadedeaconbusiness
wadedeaconcompsci
wadedeaconenglish
wadedeaconpe
wdsience
wadedeaconmaths
wade_deacon_history
wdhsperformance_

Twitter

@wadedeacon
@mfl_wade
@WD_History
@WadeDeaconPE
@WadeDeaconGeog
@WDHS_dofe

Words of Wisdom from @wdhswellbeing



Maths on YouTube



Fantastically Creative

You Tube

Please subscribe to Wade Deacon Maths on

You Tube

Your teachers are uploading helpful videos for tasks you have been set on Hegarty Maths.

You Tube



Nick on drums contributed to a superb interpretation of Oasis' Half The World Away as a member of The Splinters Street Band. Brilliant, Nick – well done mate.



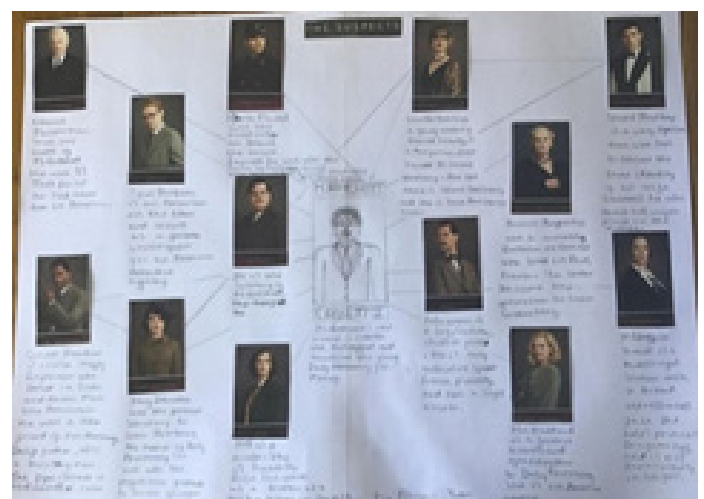
Excellence in English

Sacrifice

Endless nights leading to countless patients.
Temptations running high as the nights fly by.
Was the sacrifice really worth it?
Was the throbbing of endeavour really worth it?
For sacrifice has taught a lot.

As days flew by,
it reached its peak,
tormenting the brain to abolish its excursion.
In order to succeed, in order to be determined
For sacrifice has taught me a lot.

As others cherish parties, adore going out,
we stay in.
We harness what's most important by
willing to make the sacrifice.
For sacrifice, I thank you.

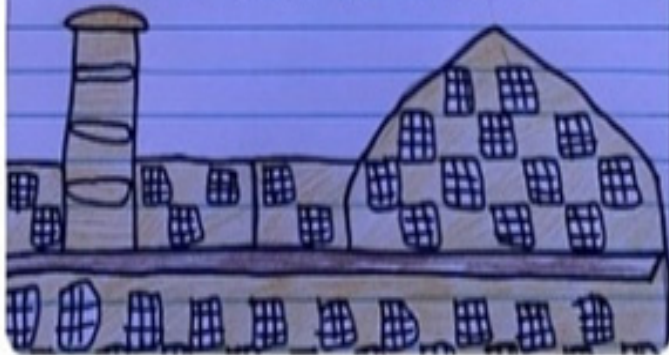


Lovely work in History

History
Quarry bank mill (also known as the Styal mill) in Cheshire is one of the best preserved textile mills of the industrial revolution and is now a museum of the cotton industry.
It was built in 1784 and the mill is recorded in the national heritage list for England as a designated grade two listed building. It is owned by the nation trust and they made it theirs in 1939. The factory was really made by Greg Samuel to spin cotton.

When Greg retired in 1832 it was the largest such business in the United Kingdom. Now, Gregs son - Robert Hyde Greg taken over the business, he introduces weaving. Samuel Greg died 2 years after he retired.

The mill got attacked during the plug riots on 10th of August 1842. The Gregs were involved in the triangular trade and Samuel's brother in law John Greg owned sugar plantation on the Caribbean island of Dominica.



The spinning Jenny

YOU

Lucky

History behind the Spinning Jenny

A multi-spindle spinning device. An improvement on the spinning wheel. Took cotton fibres and created 48 threads. Invented by James Hargreaves. Spun 8 to 12 threads at once.

Advantages:

- Made more than 10 times as much as a spinning wheel.
- Made 48 threads at once.
- Made 8 to 12 threads at once.

Diagram:

Spinning

Cotton

1765 Spinning Jenny
Inventor: James Hargreaves
It was a multi-spindle spinning wheel. It was invented in 1765. It was a major improvement on the spinning wheel. It was used to spin cotton.

1769 Water frame
Inventor: Richard Arkwright
It was a spinning machine. It was invented in 1769. It was a major improvement on the spinning wheel. It was used to spin cotton.

1784 Spinning mule
Inventor: Samuel Crompton
It was a spinning machine. It was invented in 1784. It was a major improvement on the spinning wheel. It was used to spin cotton.

1789 Spinning mule
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Stephenson's Rocket

YOU

Lucky

History behind the Stephenson's Rocket

A steam locomotive. It was invented in 1825. It was a major improvement on the steam locomotive. It was used to transport coal.

Advantages:

- Made more than 10 times as much as a steam locomotive.
- Made 48 threads at once.
- Made 8 to 12 threads at once.

Diagram:

Spinning

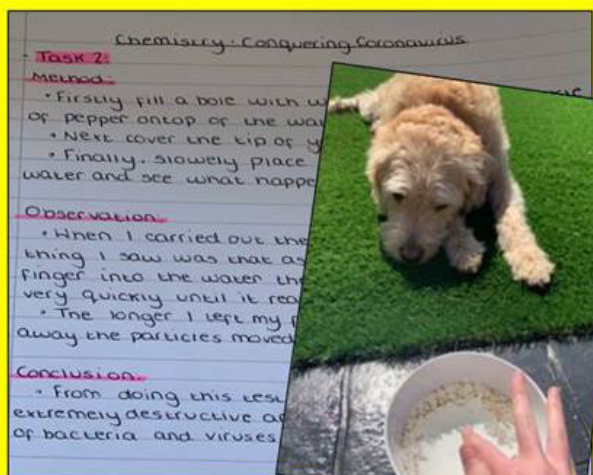
Cotton



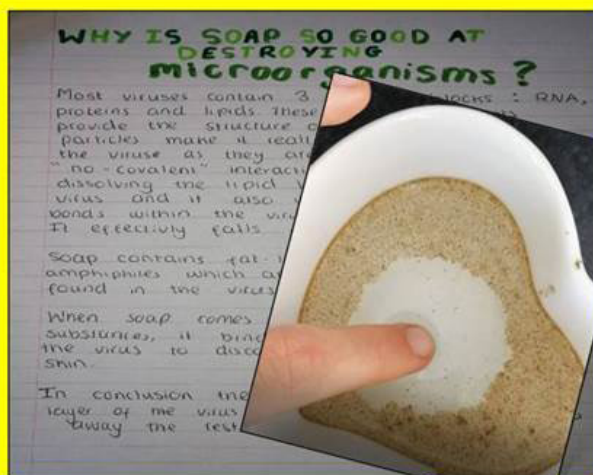
Top effort from amazing scientists at Wade Deacon:



Mr Ashworth's Conquering Coronavirus with Chemistry Investigation



'Paws' for the cool chemistry from Jess (Y10)!



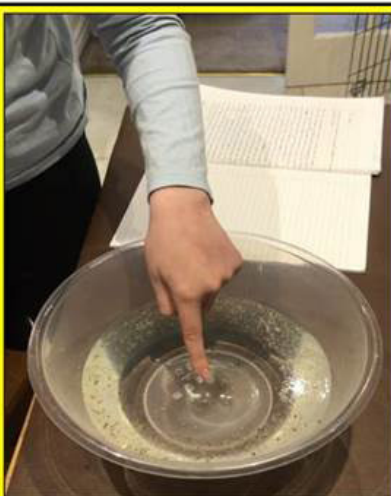
Love this from Thea's (Y10) experiment!



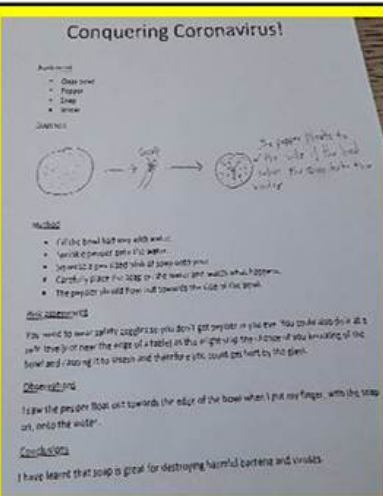
Top effort from amazing scientists at Wade Deacon:



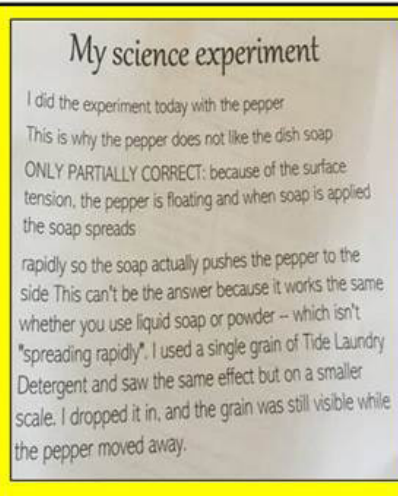
Mr Ashworth's Conquering Coronavirus with Chemistry



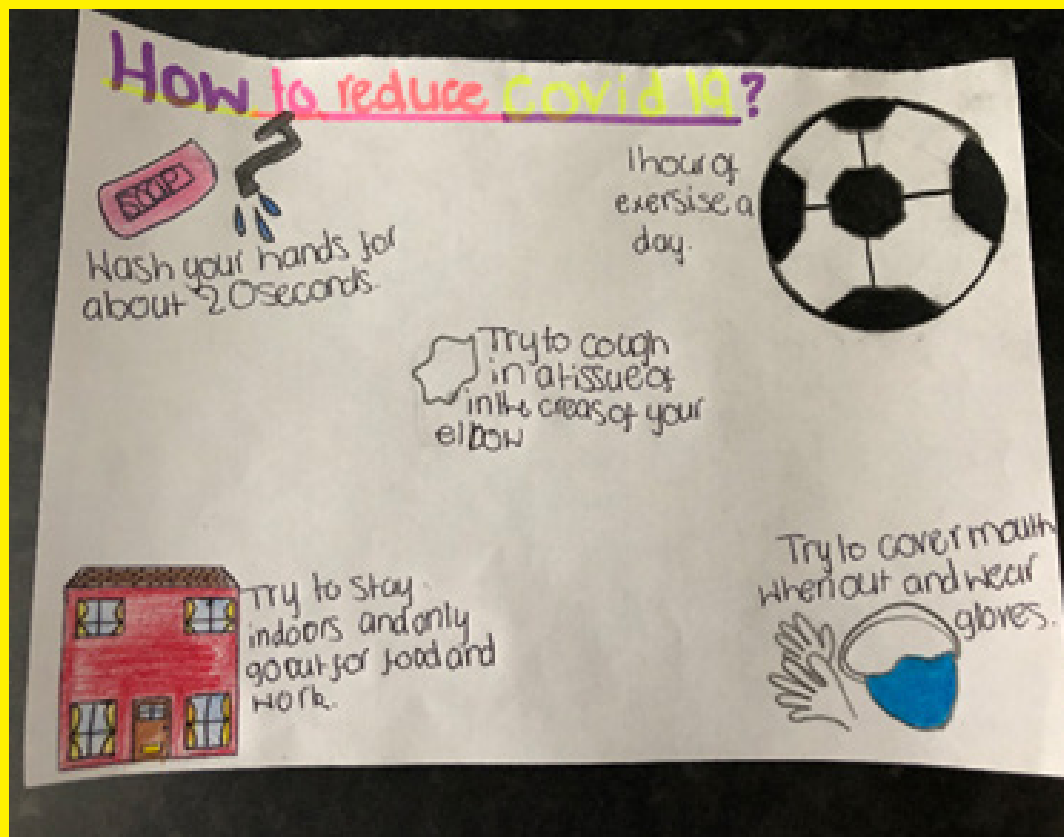
Top experiment with lab report in the background! Well done Faith (Y7)



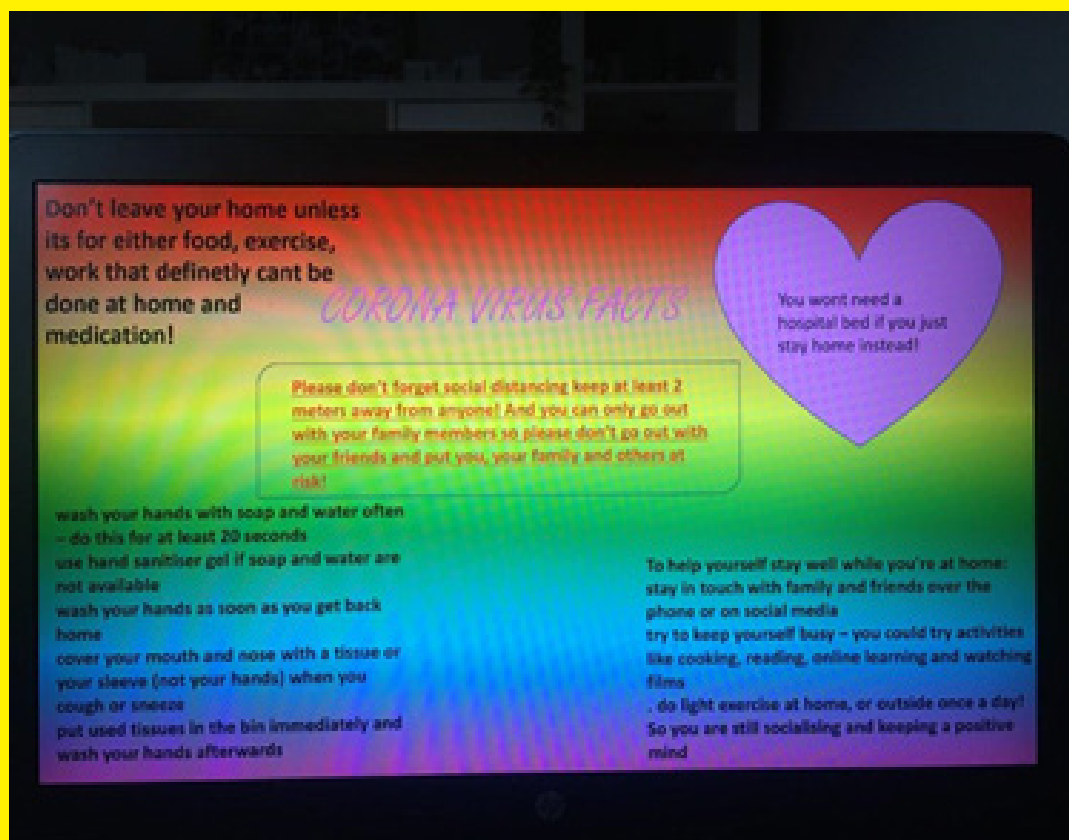
Isabelle (Y7) got it to work and wrote up this top report



Outstanding Chemistry research from Neve (Y7)



Students are doing their best to understand what's happening



Easter Apprentice Challenge in Maths

Unbelievable effort and commitment

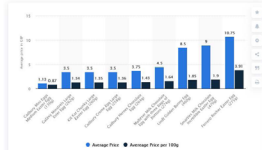
YEAR 7 WINNER KANE WATERHOUSE



Research

Retail Price

Average prices of selected Easter eggs sold in major grocery chains in the United Kingdom in March 2020 (in GBP)*



The cheapest easter egg on the market is £1.13 (on average) and the most expensive is £10.75.

The overall average price is £5.35. This is a good starting point for my egg. I think I will retail my egg at £5, which is more expensive, but means I can add more to my easter egg to make it better than the others on the market.

Taste Research

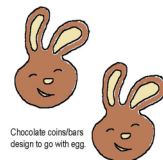
Milkybar easter egg	Milk chocolate, Includes a milkybar
Nestle toffee crisp Easter egg	Milk chocolate, Includes a mug and 2 toffee bars
After eight easter egg	Dark chocolate with mint, inside egg is mini after eights.
Cadbury mini egg easter egg	Milk chocolate, mini eggs inside
Malteser easter egg	Milk chocolate with 3 malteser bars
Rolo easter egg	Milk chocolate with rolos inside
KiKat easter egg	Milk chocolate 2 KiKat bars and a mug
Cadbury dairy milk easter egg	Milk chocolate, In side egg is dairy milk bar
Crema egg	Milk chocolate, fondant filling coloured to look like an egg
Celebration easter egg	milk chocolate, Comes with a few celebrations inside

Research

Egg name and brand	Shop	Taste	Design	Retail price	Gender	Age	Packaging
Dairy Milk	Tesco	Rich+Smooth	Liney texture with bar inside	£1.50	Gender neutral	3-13	Trademark is purple
Thornton's	Tesco	Rich	Exotic	\$4	Gender neutral	3-13	Mixture of card and plastic

Taste Research conclusion

- Milk chocolate is the most popular flavour of easter egg. However, most of the eggs come with different flavoured chocolate bars.
- My egg will be composed of milk chocolate but also contain bits of white chocolate to bring something different to the table.
- I will also include an chocolate bar with my egg



Business Plan

What are you selling?
I am selling a children's easter egg, called the Fun Bunny Easter Egg, designed to be friendly and exciting. We've included a pop out fact sheet about bunnies along with a make-it-yourself easter bunny headband. We also have an easter egg hunt door-sign, making use of the cardboard packaging.

Inside our egg, we have also included a packet of Fun Bunny Chocolate coins which we want to sell separate from the egg after easter.

What is your unique selling point?
Using a blend of both white and milk chocolate, we have made this egg for a whole family to share, with breakable pieces. This encourages families to take part in easter activities together.

We also use fair trade chocolate and recyclable packaging, which some of our competitors are not utilising. Also, we are using vegan alternatives so we appeal to a market which often pays more for chocolate.

What materials are you using?
We are using recycled cardboard which is low cost and environmentally friendly. The egg is wrapped in foil, which is also recyclable.

Business Plan

How much do you want to borrow from the bank?
£25,500. This should be enough to cover material and production costs. In the first year, we will sell mainly online but will eventually offer discounted rates to retailers later on.

How many eggs do you want to sell?
We plan to sell 4750 eggs.

How much will you charge the customer per egg?
We will charge customers £5 for an egg or they can buy 10 for £35 (our online offer for easter egg hunts). It costs £0.90 to make one egg + packaging, so we will be making profit straight away.

Which bank will you choose to get a loan from?
We will be taking a loan from the Widnes Viking Bank because we will be paying less back in the long run.

Vikings bank is 2yrs with a 4.7% interest rate per year.
If I borrow £5500, the loan will increase to £5758.50 after the first year and I will eventually owe £6029.15 at the end of the 2 years.

This means I will owe them £529.15 extra at the end of 2 years, whereas I would be paying back £668.93 to the Wade Deacon bank and £642.35 to the Hive.

Egg Design

The design is gender neutral. There are no obvious features that make it specifically for one gender.

The colours are natural and the character and design (a sun) comes from nature, which is not gendered.

The design is for families as the sun is individual pieces of chocolate made for sharing.
Our target demographic is children 3 - 10 years. The bunny is recognisable to young children and is a friendly, easter character.

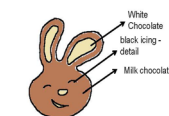
The chocolate is a rich and smooth mix of milk and white chocolate. It is also fairtrade, which means we give a fair amount of money to the cocoa farmers.

More and more people are interested in fairtrade. This will make our egg a popular choice.

On the inside of the egg, there will be a bag of bunny coins (same as the bunny design) to add a special surprise for kids.

The sun and bunny design are perfect for easter and spring. The sun is starting to come out and nature is waking up.

Design



My design will be based on our company logo - Eggs-Stravaganza!

As it is a bunny, it is keeping to a easter theme.

Animal designs are popular and children like them a lot. As children are our target influence, we think this is a very good design.



On the easter egg, we have kept the bunny logo as a centre. The character is our main focus which other eggs in the market don't have.

Packaging



Front



Back



Side

Product list
Name/ item
Price

White chocolate 100g from tesco	0.30
Milk chocolate from tesco 100g	0.30
Butter from tesco 250g for	0.98
Sugar fairtrade 1kg from Sainsburys for	0.90
vanilla essence 118ml from tesco	5.59
Icing sugar for alide 1kg.	0.90

5x5x5 cardboard box	25.00 per 100
Large cracked egg mold	2.85

1.40 per an egg

Advert

- All on Other digital channels such as the History channel and National Geographic which costs 1125 for 5 days for morning noon and night

**YEAR 8
WINNER
DYLAN KNOWLES**

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Research: Two Way Table

Product Comparison of Small 40g Easter Eggs (Similar to Egg Chasers size)										
Egg Name and Brand	Shop	Retail Price (£)	Average Price per Egg	Design	Volume (Mans)	Chocolate Mass, Pecan Paste (g/oz)	Taste	Gender	Age	Packaging
Calbury's Crispy Egg	Morrisons	£0.60	£0.50	Family friendly rock, yellow and blue brand	40g	0.80	Very sweet and sugary	Unisex	All	Full wrapping and cardboard multipacks
Chocula	Waitrose	£0.90	£0.50							
Thornton's Chocolate	Sainsbury's	£0.75	£0.75	Shiny All Gold	30g	0.40	Very smooth	Unisex = slightly more feminine	All	Full wrapping (No multipacks available)

Insufficient similar products available to make graph worthwhile so I have done **Chocolate Mass to Pence Ratio** comparison instead

$$P = S - C - M \text{ or } P = S - (C + M)$$

$$\text{Profit} = \text{Selling Price} - \text{Cost of Production} - \text{Cost of Marketing}$$

Actually, lo above is Your I lost a few day
 with a book loan. to 2376.50 2006-10
 Can label out money to 2376.50 2006-10
 by the 2376.50 2006-10

Product List

Ingredients	Approximate Measure	Mass (grams or 100g)	Cheapest Buy Price per 100g	Price per 100g		Material Costs	Notes/Memo/Labour
				Price per 100g	Mass Required for 100g Product		
Light Corn Meal	1/2 Cup	125g	£1.35 per 100g Merrimans	0.38g	1	£8.75	0.38 x £100 = £38g
Soya	1/2 Cup	100g	£1.20 per 100g Merrimans	0.92g	4	£3.62	0.92 x £100 = £92g
Vanilla	1 Teaspoon	4g	£4.50 per 100g Merrimans	1.54g	1	£2.26	1.54 x £100 = £154g
Salt	1/2 g	0.5g	£1.00 per 100g Merrimans	0.01g	3	£0.30	0.01 x £100 = £0.01g
Sugar	1/2 Teaspoon	10g	£1.00 per 100g Merrimans	0.09	8	£0.80	0.09 x £100 = £9g
"Yellowish fat"	1/2 Teaspoon	0.5g	£1.00 per 100g Merrimans	2.34g	2	£0.89	1.34 x £100 = £134g
Chlorophyll	12 capsules	60.0g	£1.00 per 100g Merrimans	0.1	6	£1.50	0.1 x £100 = £10g
Food Wrapping			£1.25 per 100g Merrimans			£1.25	
Plastic Tins			£1.20 per 100g Merrimans			£1.20	
Clay Film			£1.00 per 100g Merrimans			£1.00	
TOTALS		940g				£47.51	For 10 to 15 x 1000g bags. £47.51 ÷ 10 = £4.75 per unit. £47.51 ÷ 15 = £3.16 per unit.

[illegible][illegible]
$$\text{Annual Capital Repayment} = £6750/4 = \quad \quad \quad \text{£1,687.50}$$

YEAR	Annual Capital Reimbursement	Capital Outstanding	Interest Due	Total Bank Loan Repayments
YEAR 1	£1,687.50	£6,750.00	£189.00	£1,876.50
YEAR 2	£1,687.50	£5,062.50	£141.75	£1,829.25
YEAR 3	£1,687.50	£3,375.00	£94.50	£1,782.00
YEAR 4	£1,687.50	£1,687.50	£47.25	£1,734.75

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WADE DEACON
APPRENTICE SPECIAL
EASTER EDITION!



chasers – The “Rugby” PITCH to Sir Alan

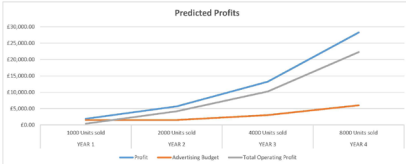


Dylan...it is with some regret...you're fired

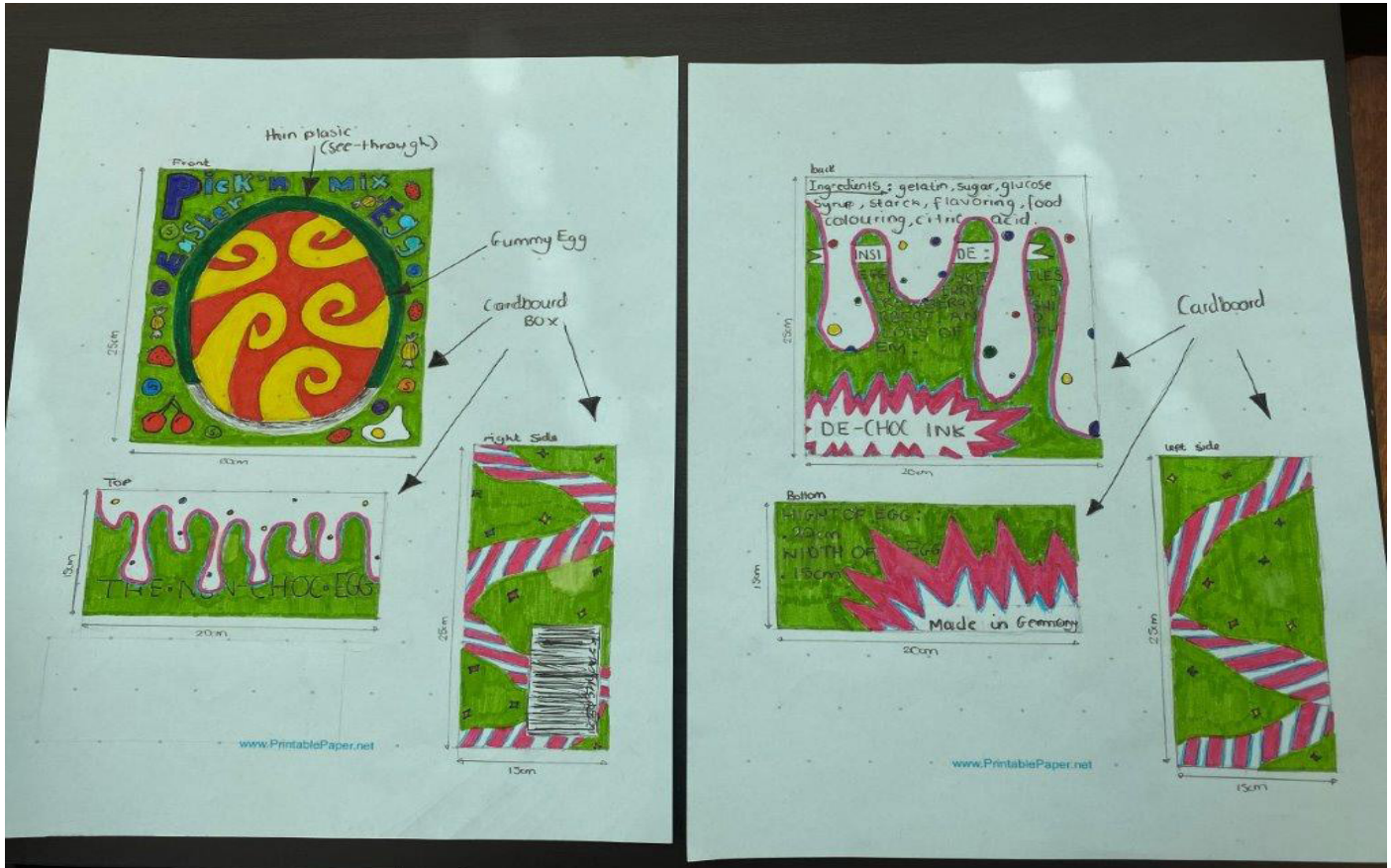


.....Prefer DRAGON'S DEN anyway!

YEAR	Unit Sales	Profit	Advertising Budget	Total Operating Profit
YEAR 1	1000 Units sold	£1,873.50	£1,500.00	£373.50
YEAR 2	2000 Units sold	£5,670.76	£1,500.00	£4,170.76
YEAR 3	4000 Units sold	£13,218.00	£3,000.00	£10,218.00
YEAR 4	8000 Units sold	£28,265.25	£6,000.00	£22,265.25



YEAR 9 WINNER NATHAN PETCH



WELL DONE EVERYONE

Contact Corner

You can use the school website to get access to services.

Students can download office from office 365.

If you want to access Show My Homework or School Synergy for the first time you will have to use your parent pins and setup your parent account.

Parent pins have been sent home already for both systems. If you have already registered, then you log in with your registered

email address and password that you will have set up.

If you have any issues please email:
ictserviceteam@wadedeacon.co.uk

For any general enquiries please email:
school@wadedeacon.co.uk
or contact us via telephone on 0151 423 2721. Our lines are open 8:00am - 12.30am Monday to Friday.

