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19th March 2020

Dear Parent/ Carer,

We hope that this letter finds you and your families well. We are certain that you will have many questions concerning Year 6, during these uncertain times and we hope that this letter addresses a number of your concerns. We are still hopeful that the closures will be shorter than anticipated and that we will be back, as Year 6 in the near future to continue the hard work and secondary school preparations that the children have been undertaking since September. However, rather than simply being hopeful, we would rather be prepared. With that in mind, we will be taking the following steps:

- 1) We have purchased an online resource called SATs Companion. This resource allows us to continue to set your children the work that they need in order to be ready for secondary. It covers reading, grammar and maths and we have introduced this to the children today. Their excitement was great to see and an example of the fantastic attitude they have shown, not only in the face of recent events, but also since September. Attached to this letter, you will find your log in and, once online, you will see that we have already set two-weeks' worth of targeted lessons. The children, using the letter icon in the top right corner, can contact us at any time and ask for further teaching and guidance around a subject and we will be monitoring their usage daily. Further to this, the software tracks which questions your child is getting wrong and prepares videos and guidance for them on how to improve. Whilst we would rather have them in the classroom with us, SATs companion has reassured us that we will still be able to ensure the best for your children. It really is the next best thing.
- 2) Further to the above, we want to ensure that your child gets a broad and balanced education during the closures. Therefore, we have also attached lessons (Geography, History, Art, DT, French, Science, RE) for the children to complete alongside their SATs Companion work. To help them with this, we are sending home a maths book, a writing book and the stationery that they might require.
- 3) If at any point your child could not access the SATs Companion app, we have also purchased CGP work books for maths and reading. Further to this, we have also given your child the opportunity to take home one to three reading books from our shelves.
- 4) Transition activities and leavers traditions. As already stated, we really do hope that these closures are a temporary measure however we understand that the children are

mortified about possibly missing out on the traditional, Year 6 rite of passage activities. Some of the transition activities, such as Rose Day and the Leavers Performance might have to be cancelled in order to ensure the safety of everyone involved. However, we will endeavour to ensure that the activities within our control, go ahead. With that in mind, we are in constant contact with the company who produce our Leavers Hoodies and have measured all of your children for their hoodies this week (lots earlier than we would normally) with a view to getting them produced before a possible lock down. Alongside our efforts to ensure that your children get their hoodies, we have spoken to them and said that we will put on a prom as soon as it is safe to do so. We hope that this can happen at the end of the year as normal. However, if we are unable to do this, we will organise one as a reunion activity for the children. We absolutely do not want the children to miss out and will be there suited and booted!

- 5) SATs. As I am sure you are aware, all testing has been cancelled. The primary purpose of these tests is to inform secondary schools about your children. Therefore, I am sure that you are wondering how we will ensure, if the SATs don't go ahead, that your child is placed in the correct sets from the moment they begin Year 7. Rest assured that we have completed tests periodically across this last academic year and have accurate data about where your child is now. We will ensure that this is shared with your child's secondary school, whether via face to face meetings, email contact or video messaging. It will get done. We believe that these transition meetings are of paramount importance and are the key to ensuring a smooth transition to secondary for your child.

If you have any further questions, please do not hesitate to contact us. We will be available to you and your children during the closures. You can reach us via email, dojo and the messaging service on SATs companion. Stay safe and we hope to see you soon.

The Year 6 team.

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[Ryan.serrant@crossflatts.bradford.sch.uk](mailto:Ryan.serrant@crossflatts.bradford.sch.uk)

Please find below the lesson ideas for non-core subjects. Don't spend all of your time on SATs Companion and TTR. Ensure that your learning is broad and balanced by completing the below.

**Geography/  
History**

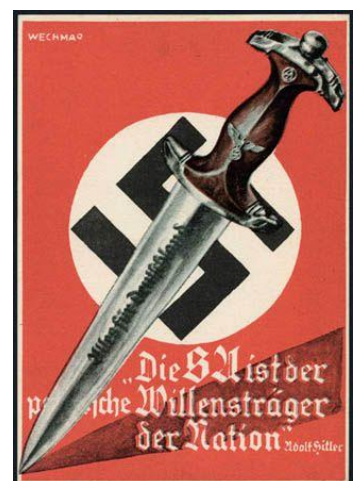
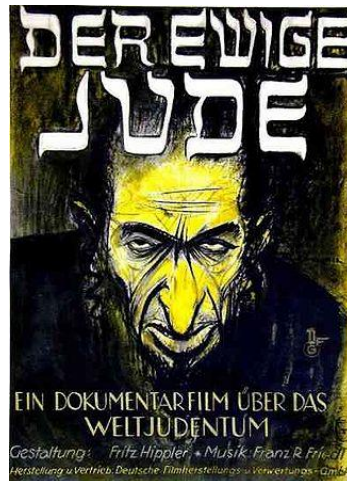
- During WW2, propaganda was a key political weapon for bringing a country together and convincing people to sign up and fight. Messages would be distributed around cities to encourage participation but they were also dropped on enemy cities to convince them that the war was already lost and that they should surrender. Designing art work that would convince

people of the above was incredibly skilled work. Your task is to create your own example of propaganda. You can either complete a British piece or a German piece. I have attached pictures of both below. Please notice the distinct difference in style.

### British



### German



- Moving away from the WW2 theme, back in 2005, Hurricane Katrina hit the coast of America. Below you will find the background information as to why we think you should learn about this. Attached to this letter, is a 'New Orleans Regeneration Project' which we would like you to complete.

### The Facts:

1. Hurricane Katrina was the largest and 3rd strongest hurricane ever recorded in the USA.
2. In New Orleans, the levees were designed for Category 3, but Katrina peaked at a Category 5 hurricane, with winds of up to 175 mph.
3. The final death toll was at 1,836, primarily from Louisiana (1,577) and Mississippi (238). More than half of these victims were pensioners.
4. Waves from Katrina were 20-ft (six meters) high.
5. 705 people are reported as still missing as a result of Hurricane Katrina.

6. Hurricane Katrina affected over 15 million people in different ways varying from having to evacuate their homes, rising gas prices, and the local economy collapsing.
7. An estimated 80% of New Orleans was under water, up to 20 ft deep in places.
8. Hurricane Katrina caused \$81 billion in property damages, but it is estimated that the total economic impact in Louisiana and Mississippi may exceed \$150 billion, earning the title of costliest hurricane ever in US history.
9. Hurricane Katrina devastated about 90,000 square miles.

#### Background Information

Early in the morning on August 29, 2005, Hurricane Katrina struck the Gulf Coast of the United States. When the storm hit, it brought sustained winds of 100–140 miles per hour—and stretched some 400 miles across (the distance from London to Glasgow). The storm itself did a great deal of damage, but its aftermath was catastrophic. Millions of people in Louisiana, Mississippi and Alabama were left homeless, 1833 people lost their lives and experts estimate that Katrina caused \$108 billion in damage.

Many people acted heroically in the aftermath of Hurricane Katrina. The Coast Guard, for instance, rescued some 34,000 people in New Orleans alone, and many ordinary citizens commandeered boats, offered food and shelter, and did whatever else they could to help their neighbours. However, whilst many people covered themselves in glory; others reacted too slowly, inadequately and the results were calamitous.

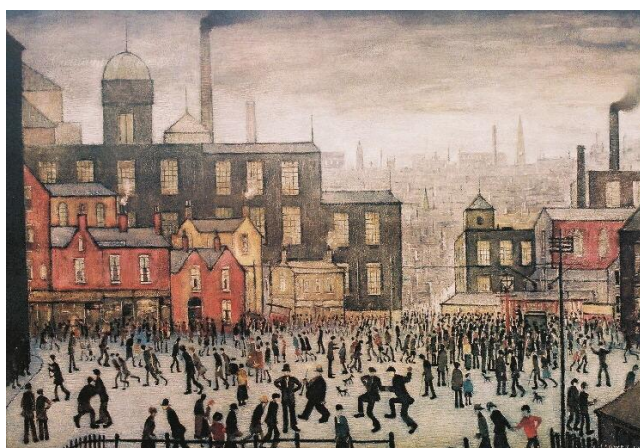
## **Art**

Study the work of Lowry. He created 2D pieces of art that can be imitated using a ruler. Below are examples of his most famous works and two video links to cracking songs that sum up his contributions to the world of art.

In the artwork below, notice how it is effectively in 3 layers. The foreground (front) is coloured and that is where you will find his ‘matchstalk’ people – so called because they looked like matchsticks. The second layer normally included black, dark factories and buildings. The background, or final layer, almost appeared cloudy to impress the idea of distance.







<https://www.youtube.com/watch?v=kmopSVOMSsU> (just listen for the backing vocals! The kids in the background haunt my nightmares – ali ali oooo)

<https://www.youtube.com/watch?v=dPPi2D6GK7A> (possibly a more popular song choice – Lowry without the backing vocals. Also, enjoy how Liam Gallagher walks. If you don't know who is, you should and go and speak to someone more enlightened.)

- Now that you are familiar with Lowry, we would like you to create two pieces of artwork. One where you imitate his style by copying one of his famous pieces of work. The other is a little more creative. We want you to use what you have learnt about Lowry to create a WW2 themed piece that shows the streets of a city after a night of bombings.

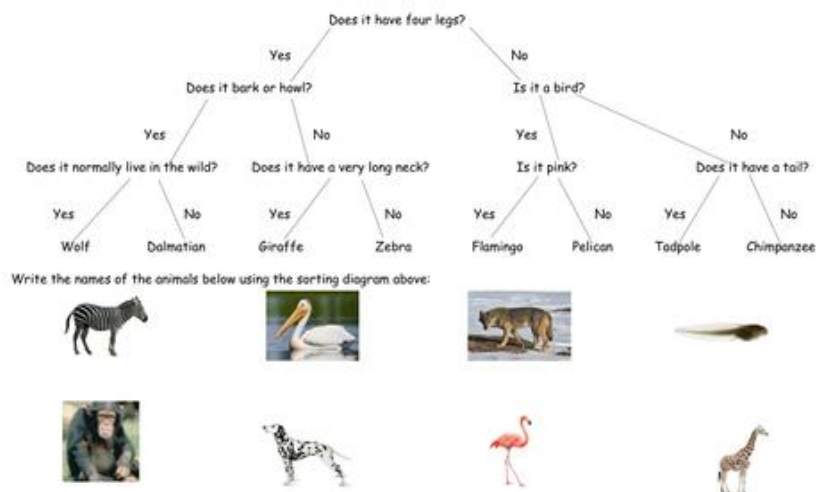


**Science**

**Investigate some of these questions** and evidence it in your home learning journals.

## Living things and their habitats & Animals including humans:

- Where might you find bacteria or other microorganisms in your home? Are all bacteria harmful? Create a powerpoint about bacteria and viruses.
- Spend 30 minutes on a 'living thing hunt.' Having completed this, make a list of all the living things that you encountered. Once you have your list, classify it into (vertebrate or invertebrate, plant or animals, mammals, fish, birds, insects, amphibians, reptiles). Could you create a branching diagram with Yes/No questions that guide your parents to the animal you spotted second? (Helpful hint: J2E has a branching diagram section)



- What if there were no drugs at all? Would you support a 'Super Olympics' where athletes are allowed to take performance enhancing drugs? Debate this with your family.
- How do we keep our bodies fit and healthy? Will missing PE affect you? See PE section for your task here.

## Evolution and inheritance

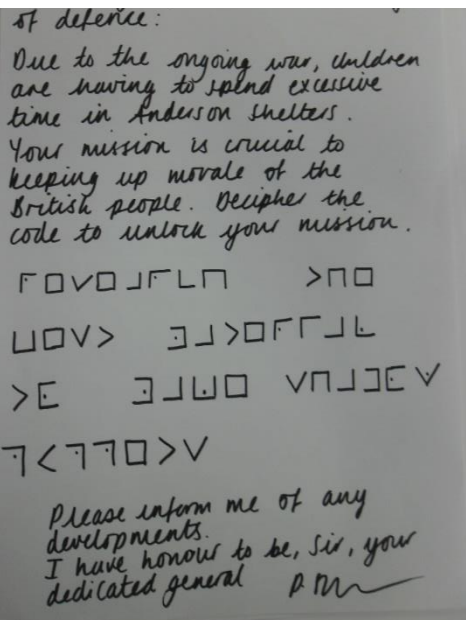
- Not all penguins live in cold habitats. How have those living in warmer habitats adapted? Could you adapt a penguin for life in the Sahara Desert?
- Survey your family members and learn which characteristics you inherited from which family member.

Eye colour	Hair Colour	Height	Shoe size	Width of smile
Palm Span	Length on index finger	Gender	Tongue Roller	Distance between eyes
Ear Lobes	Hitch hikers thumb	Wrist Cords	Circumference of head	Distance from elbow to wrist

- How do we know that animals and plants were alive in the past? Create an information page all about the work of Charles Darwin.

Light and Electricity

- # The Pigpen Cipher



The periscope manufacturer has been bombed. There are now no available periscopes to use when looting for enemies.

Decode the message to uncover  
your mission to continue to  
protect your country.

$\angle E < \angle V < \angle W$

$$\angle E \angle F \quad [ \vee ] [ \square ]$$

7077VLE70 7077VLE70

$$\angle VFG \quad \angle GEL \quad \angle FJUEJFJ$$

7J70F 10J 3222EFV



P.E.

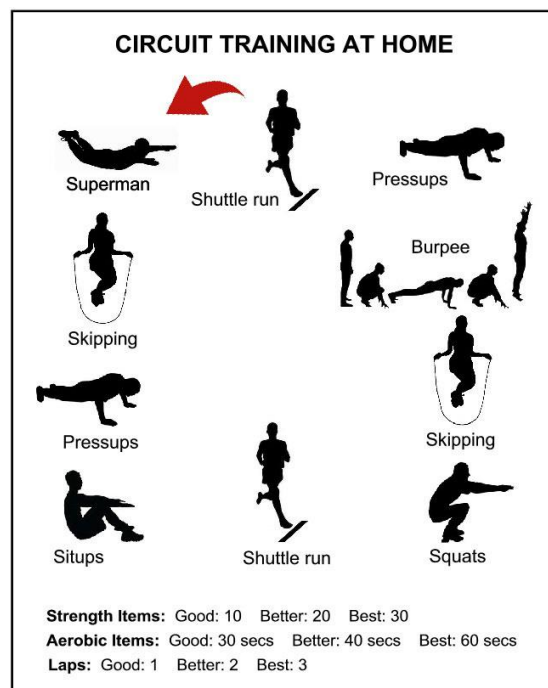
**NHS** choices Your health, your choices

'Step right up! It's the miracle cure we've all been waiting for. It can reduce your risk of major illnesses, such as heart disease, stroke, diabetes, and cancer, by up to 50%. It can lower your risk of early death by up to 30%. It's free, easy to take, has an immediate effect and you don't need a GP to get some.

Its name? Exercise'

Research shows that physical activity can also boost self-esteem, mood, sleep quality and energy, as well as reducing your risk of stress, depression, dementia and Alzheimer's disease

Your challenge is to create a fitness timetable for children to complete at home. It is vitally important that we stay fit and healthy during these closures. Use the example below to create your own circuit training. Then, design a two-week schedule where the exercise intensifies each day to ensure that your athletes are progressing.



Computing

Computing

- Work hard on TTR – try to get at least 1000 points a week - <https://ttrackstars.com/>
- Become creative on Scratch - you create your own account and log in for free – can you create your own game? <https://scratch.mit.edu/>

- Code.org will help you remember some of the basics for coding, there are many mini-projects on here for you to enjoy. <https://code.org/hourofcode/overview>
- Create a PowerPoint or Prezi about a topic of your choice or link this to your Charity Project or New Orleans Project! - <https://prezi.com/>

PSHCE

### 'Charity' Portfolio

Summer 2014, an initiative to raise funds for amyotrophic lateral sclerosis (ALS) went viral. The Ice Bucket Challenge was undertaken by at least 2.4 million people around the globe and the table below shows how a marketing stunt such as this can have a massive impact, raising both awareness of important issues and critically funds to help those suffering.

Organization	Additional funding reported
ALS Association	\$100m <sup>[46]</sup>
Motor Neurone Disease Association	£7m <sup>[47]</sup>
ALS Therapy Development Institute	\$3m <sup>[48]</sup>
ALS Foundation Netherlands	€1m <sup>[49]</sup>
Project ALS	\$500k <sup>[50]</sup>

Many other charities have attempted to raise funds in this manner with varying degrees of success. Another note worthy campaign was championed by the now disgraced athlete, Lance Armstrong. The 'Life Strong' campaign undertakes charity races to raise funds and also sold yellow wrist bands. A huge number of celebrities wore these wristbands and as a result they became a must have fashion item.

Your challenge is to design the next charity initiative that will take the world by storm. This could be a random act (like Ice Bucket), it could be a fashion accessory or it could be a new donation month like 'Movember' which will grip the nation over the next few weeks.

Currently, there are thousands of vulnerable, elderly people who are struggling to get their shopping due to self-isolation. We want you to create an initiative that fund-raises to support and fix this problem.

Task 1	<p>Time to be creative; decide what your initiative will be! Create a carefully presented mind map for your Charity Initiative so that you are clear on who you are.</p> <p>Consider:</p> <ul style="list-style-type: none"> <li>• How are you going to capture attention?</li> <li>• Who are you raising money for (shopping, pen pals, medical care)?</li> <li>• What events will you have to raise money? How will you host them if we aren't allowed to gather in larger groups?</li> <li>• How will you ensure that the World hears about your Charity? A celebrity?</li> </ul> <p>Furthermore, every successful charity organisation has an eye-catching logo and a slogan that can be easily remembered. These can be puns (play on words) or simply memorable due to a use of alliteration.</p> <p>Please design your logo and slogan.</p>
Task 2	<p>The success of your Charity can be made or broken by awareness; if people do not hear about your fundraising idea then they obviously can't take part and in such won't donate.</p> <p>Your challenge is to create an advert that will be the catalyst for your campaign. It must persuade people to take part and should also be something that gets people around the globe talking.</p> <p>For this task you could: write the script for a TV advert, create a presentation to be shown to government officials, create a video that could be posted online or create a flyer that will be passed door to door. Don't forget about the impact a celebrity can have!</p>
Task 3	<p>Now that you have designed your charity, we will put it to the test. In school, when you come back, each of you will, by evaluating the effectiveness of one another's homework, 'donate money' to the charity initiative/initiatives that you think will have the most impact on pensioners during the pandemic. The Charity that generates the most 'donations' will win a prize.</p>

## BYSO: The Regeneration of New Orleans Project

Your challenge – should you choose to accept it – is to create a space within New Orleans which will inspire its residents to rise up after the destruction caused by Hurricane Katrina. This space can be designed for families, children, tourists, adults whoever you can think of. However, it must be clear who your target audience is. Think very carefully about what your target audience will desire when visiting a commemorative area within the city. Don't forget the truly devastating scale of this natural disaster.



### Task 1:

You will start with a budget of \$8,332,569.43 and you must choose the materials and items necessary to create a truly special and uplifting environment, place it in the appropriate squares using your knowledge of co-ordinates and then calculate how much money you have left if any.

Item	Area of the shape	Cost per m <sup>2</sup>
<b>Trees</b>	1m <sup>2</sup>	\$300.46
<b>The largest outdoor slide in the World (5 Staff)</b>	32m <sup>2</sup>	\$48,223.45
<b>Outdoor water slide (4 Staff)</b>	18m <sup>2</sup>	\$25,876.89
<b>Man-made waterfall</b>	16m <sup>2</sup>	\$54,678.79
<b>Café (6 Staff)</b>	18m <sup>2</sup>	\$64,658.78
<b>A state of the art MUGA</b>	18m <sup>2</sup>	\$18,442.74
<b>Merry-go-round (4 Staff)</b>	14m <sup>2</sup>	\$12,435.45
<b>Library (4 staff)</b>	24m <sup>2</sup>	\$142,234.40
<b>Toilets</b>	4m <sup>2</sup>	\$12,329.14
<b>Paths</b>	n/a	\$300.42
<b>Boating Lake (2 staff)</b>	16m <sup>2</sup>	\$13,428.32
<b>Car Park (1 staff)</b>	89m <sup>2</sup>	\$5,673.43
<b>Band stand (Jazz music special)</b>	16m <sup>2</sup>	\$14,232.54
<b>Soul food restaurant (8 staff)</b>	18m <sup>2</sup>	\$24,387.43
<b>Street food arena (8 staff)</b>	34m <sup>2</sup>	\$13,288.50
<b>Commemorative area with the names of the victims</b>	16m <sup>2</sup>	\$28,429.00
<b>Gardens</b>	1m <sup>2</sup>	\$425.32



<b>Benches</b>	1m <sup>2</sup>	\$324.65
<b>Commemorative statue</b>	14m <sup>2</sup>	\$26,653.65
<b>Street Lights</b>	1m <sup>2</sup>	\$256.84
<b>Commemorative Museum (4 staff)</b>	22m <sup>2</sup>	\$24,128.56
<b>Entrance Gate</b>	4m <sup>2</sup>	\$12,567

If you have another fantastic idea, come to us, as long as we aren't teaching, and ask how much it will cost and how many square metres it will require.

### Task 1b

Label the co-ordinates of the items you chose. Obviously just label each corner

### Task 2

Now, the next thing you must consider is how much each of these will cost to run. Remember, some of these activities must have a member of staff working there and they must be paid \$5.34 per day if they work within a food establishment and \$8.43 per day for working anywhere else. You must also account for the electricity (\$425 per day), water (\$285 per day) and gas (\$647 per day)

You now have a commemorative space. Please now calculate how much you are paying your staff each day. Can you use this to calculate weekly, monthly and annual costs?

### Task 3

Now that you know your running costs, you must decide how much a ticket costs for your park. Think carefully about this because if your ticket sales do not exceed your outgoings your commemorative space will close down and heap more misery on an already dumb struck city.

On day 1 - 124 people visited  
On day 2 - 328 people visited  
On day 3 - 417 people visited  
On day 4 - 213 people visited  
On day 5 - 519 people visited  
On day 6 - 116 people visited.

Was your ticket price appropriate? Did you make a profit? Or do you need to redraft and try again?



### Task 4

If you do this as a profession, you will be competing with a number of rival companies for the contract. To ensure that you win the contract you will need a polished pitch. How you produce this is up to you.

## Hotter: The Regeneration of New Orleans Project

Your challenge – should you choose to accept it – is to create a space within New Orleans which will inspire its residents to rise up after the destruction caused by Hurricane Katrina. This space can be designed for families, children, tourists, adults whoever you can think of. However, it must be clear who your target audience is. Think very carefully about what your target audience will want when visiting a commemorative area within the city. Don't forget how devastating the scale of this natural disaster.



### Task 1:

You will start with a budget of \$8,332,569.43 and you must choose the materials and items necessary to create a truly special and uplifting environment, place it in the appropriate squares using your knowledge of co-ordinates and then calculate how much money you have left if any.

Item	Area of the shape	Cost
<b>Trees</b>	1m <sup>2</sup>	\$300.46
<b>The largest outdoor slide in the World (5 Staff)</b>	32m <sup>2</sup>	\$1,543,4704.40
<b>Outdoor water slide (4 Staff)</b>	18m <sup>2</sup>	\$465,784.02
<b>Man-made waterfall</b>	16m <sup>2</sup>	\$874,860.64
<b>Café (6 Staff)</b>	18m <sup>2</sup>	\$1,163,844.00
<b>A state of the art MUGA</b>	18m <sup>2</sup>	\$331,969.32
<b>Merry-go-round (4 Staff)</b>	14m <sup>2</sup>	\$174,096.30
<b>Library (4 staff)</b>	11m <sup>2</sup>	\$1,564,578.40
<b>Toilets</b>	4m <sup>2</sup>	\$49,316.56
<b>Paths</b>	n/a	\$300.42
<b>Boating Lake (2 staff)</b>	16m <sup>2</sup>	\$214,853.12
<b>Car Park (1 staff)</b>	89m <sup>2</sup>	\$504,935.27
<b>Band stand (Jazz music special)</b>	16m <sup>2</sup>	\$227,720.64
<b>Soul food restaurant (8 staff)</b>	18m <sup>2</sup>	\$438,973.74
<b>Street food arena (8 staff)</b>	34m <sup>2</sup>	\$451,809
<b>Commemorative area with the names of the victims</b>	16m <sup>2</sup>	\$454,864
<b>Gardens</b>	1m <sup>2</sup>	\$425.32

<b>Benches</b>	1m <sup>2</sup>	\$324.65
<b>Commemorative statue</b>	14m <sup>2</sup>	\$373,151.10
<b>Street Lights</b>	1m <sup>2</sup>	\$256.84
<b>Commemorative Museum (4 staff)</b>	22m <sup>2</sup>	\$530,828.32
<b>Entrance Gate</b>	4m <sup>2</sup>	\$50,268

If you have another fantastic idea, come to us, as long as we aren't teaching, and ask how much it will cost and how many square metres it will require.

### Task 1b

Label the co-ordinates of the items you chose. Obviously just label each corner

### Task 2

Now, the next thing you must consider is how much each of these will cost to run. Remember, some of these activities must have a member of staff working there and they must be paid \$5.34 per day if they work within a food establishment and \$8.43 per day for working anywhere else. You must also account for the electricity (\$425 per day), water (\$285 per day) and gas (\$647 per day)

You now have a commemorative space. Please now calculate how much you are paying your staff each day. Can you use this to calculate weekly, monthly and annual costs?

### Task 3

Major Nagin suggests that if we price tickets to enter the space at \$1.50 per person then this will easily cover wages and bills. Is he correct? the visitor numbers below to help

On day 1 - 124 people visited  
On day 2 - 328 people visited  
On day 3 - 424 people visited  
On day 4 - 216 people visited  
On day 5 - 520 people visited  
On day 6 - 116 people visited.

Was your ticket price appropriate?

you make a profit? Or do you need to persuade Major Nagin to rethink the price?



Use you.

Did

### Task 4

If you do this as a profession, you will be competing with a number of rival companies for the contract. To ensure that you win the contract you will need a polished pitch. How you produce this is up to you.



## Hot: The Regeneration of New Orleans Project

Your challenge is to create a space within New Orleans which will inspire its residents to rise up after the destruction caused by Hurricane Katrina. This space should be designed for families. Don't forget how devastating the scale of this natural disaster.



### Task 1:

You will start with a budget of \$46,569.00 and you must choose the materials and items necessary to create a truly special and uplifting environment, place it in the appropriate squares using your knowledge of co-ordinates and then calculate how much money you have left if any.

Item	Area of the shape	Cost
<b>Trees</b>	1m <sup>2</sup>	\$30.46
<b>The largest outdoor slide in the World</b>	32m <sup>2</sup>	\$8,675.10
<b>Outdoor water slide</b>	18m <sup>2</sup>	\$4,657.90
<b>Man-made waterfall</b>	16m <sup>2</sup>	\$6,642.00
<b>A state of the art MUGA</b>	18m <sup>2</sup>	\$3,313.20
<b>Merry-go-round</b>	14m <sup>2</sup>	\$4,623.40
<b>Library</b>	11m <sup>2</sup>	\$3,867.50
<b>Toilets</b>	4m <sup>2</sup>	\$322.32
<b>Boating Lake</b>	16m <sup>2</sup>	\$2,321.48
<b>Car Park</b>	81m <sup>2</sup>	\$4,935.27
<b>Band stand (Jazz music special)</b>	16m <sup>2</sup>	\$2,987.32
<b>Street food arena</b>	34m <sup>2</sup>	\$451,809
<b>Commemorative area with the names of the victims</b>	16m <sup>2</sup>	\$4,864
<b>Commemorative statue</b>	14m <sup>2</sup>	\$3,151.10
<b>Commemorative Museum</b>	22m <sup>2</sup>	\$2,728.32
<b>Entrance Gate</b>	4m <sup>2</sup>	\$1,268

If you have another fantastic idea, come to us, as long as we aren't teaching, and ask how much it will cost and how many square metres it will require.

### Task 1b

Label the co-ordinates of the items you chose. Obviously just label each corner



## Task 2

Now, the next thing you must consider is how much your attraction will cost to run. Staff will cost \$320 per day, the electricity will cost \$125 per day, the water will cost \$85 per day and gas will cost \$47 per day.

How much does it cost to run your attraction for a day? Can you use this to calculate weekly and annual costs?

## Task 3

Major Nagin suggests that if we price tickets to enter the space at \$2 per person then this will easily cover wages and bills. Is he correct? Use visitor numbers below to help you.

On day 1 - 124 people visited

On day 2 - 28 people visited

On day 3 - 224 people visited

How much will he receive in ticket prices? Is it enough to cover the cost of bills and staff each day?



per  
the

## Task 4

If you do this as a profession, you will be competing with a number of rival companies for the contract. To ensure that you win the contract you will need a polished pitch. You could use Prezi, Powerpoint or simply create a poster.