

Mathematics Challenge 1

Brief description of assignment

You will need to create an information booklet on units of measurements.

This should include:-

1. A list of as many units as you can find and how they are used.
2. Research and writings of the history of units of measurement of either: time /lengths /volume / weight.
3. A collection of examples of where and how these units are used.
4. Completed activity related to your measurement.

Criteria for judging success:

- Range of units found (including units from the past)
- Detail and accuracy of historical information
- Originality of presentation and writing
- Level of mathematics used in the activity

Start date (week beginning): 9th January 2012

End date (week beginning): 23rd January 2012

Milestones

After one week pupils should have : Completed part 1 of the booklet

After two weeks pupils should have: Completed part 2 of the booklet

After three weeks pupils should have: Completed part 3 of the booklet

Help with research

Visits: Greenwich observatory, Science museum, Birmingham Think Tank, supermarkets and shops, libraries, International Bureau of Weights and Measures in Paris, France

Websites: www.npl.co.uk/reference and www.ex.ac.uk/cimt/dictunit/dictunit.htm#metric

Feedback from parents/guardian:

Religious Education Assignment

Brief description of assignment:

- You will choose one of the 6 main religions that you have studied in class and research a celebration/festivity of this religion.
- You will need to write up your findings in their homework booklet based on their research findings.
- The assignment should include images, and it should explain the religion you have chosen, what celebration/festivity you decided to do your work on and why /how/when/where this celebration/ festivity takes place.
- Finally, you will have to plan a presentation. The presentation will be delivered to the class and teacher in lesson time.

Criteria for judging success:

Investigation skills (*Knowing how to use different types of sources as a way of gathering information.*)

Knowing what may constitute evidence for understanding religion(s).

- I know what is meant by religious celebrations/festivity.
- I will use both books and internet to find as part of my research.

Expression (*The ability to explain concepts, rituals and practices. The ability to identify and articulate matters of deep conviction and concern and to respond to religious issues through a variety of media.*)

- I will explain the different rituals and practices of this religious celebration/festivity
- My comments will make others understand the importance of the religious celebration/festivity that I am presenting
- I use a wide vocabulary and use of images to make my listeners understand and learn from my presentation.

Speaking and Listening AF1(Talking to others) Empathy, (The ability to see the world through the eyes of others and to see issues from their point of view.)

- I can choose the right words and speak in the right tone to make my presentation clear and

Start date (week beginning): 9th January 2012

End date (week beginning): 30th January 2012

Milestones:

After one week pupils should have:

- Students should have selected a Religion to research & Decided on which celebration/festivity to focus on

After two weeks pupils should have:

- Information/material gathering should be completed

After three weeks pupils should have:

- Completed script for presentation

After four weeks pupils should have:

- Delivered presentation to class

Help with challenge:

You will be given support during and after school; they will also be told their Humanities level levels and reading ages. <http://www.woodlands-junior.kent.sch.uk/Homework/religion/calendar.htm>

<http://www.bbc.co.uk/learning/> <http://www.teachingideas.co.uk/re/contents.htm>

<http://www.bbc.co.uk/schools/religion/>

Books can be borrowed from school library and/ or teaching materials are available from classrooms

Feedback from parents/guardian:

Science Challenge 2

Brief description of challenge

Title: OUR SOLAR SYSTEM

A research based project that investigates the different planets in our solar system. Students will have the opportunity to think about past and present theories of our solar system following the scheme of work. They will do preparatory work in lessons covering the theory. Teachers will deliver lessons with worksheets (differentiated), DVDs and websites. All students will then be taken to the science museum to complete guided investigations using a range of exhibitions. They must complete this study at the museum to use for their subsequent challenge.

Criteria for judging success

Students will be judged and assessed on:

1. Collecting information
2. Interpreting information
3. Developing and using scientific ideas
4. Quality of written communication

Start date (week beginning): 16th January 2012

End date (week beginning): 30th January 2012

Milestones

After one week	Completed preparatory section of the booklet related to the topics covered in class. This will include an IT based lesson with guided internet research. Students put in groups of four. Each group given a planet to research and make a presentation about.
After two weeks	Completed visit to science museum. Staff/students take photos, collate materials for final report (e.g. take photos of exhibits, collect info about the solar system), make notes of different planets. Sorted through their findings and resources and planned their presentation.
After three weeks	Complete individual reports, finish poster and present in class. Include key words and meanings, information from the report, photographs. Title of poster: Our solar system.

Help with research

Pupils will be given some background information about the topic in lesson (stimulus material). There will be data provided to help you write your report. In addition writing frames will be provided. Pupils should visit the library where the librarian will be able to direct them to appropriate books or alternatively you can search on the internet for facts that may help you write your report.

Feedback from parents/guardian:

English Assignment

Brief description of assignment:

Active Reading:

- you will be given a free book (from 'Books on Board')
- read your book
- choose a favourite passage and read it to parent/carer
- use the internet to find out facts about the author, including reviews and other titles by the same author
- write a short biography of the author
- write a letter to the author, explain what you liked about the book
- make a presentation about what you have done and what you have learned in this assignment

Criteria for judging success:

By the end of this assignment you should be able to:

- Read an extract from the book and explain your ideas to different audiences, using quotations
- Retrieve information from a range of sources
- Collate information and use it to complete a piece of writing, using facts and opinions
- Write a formal letter using appropriate tone and presentation
- Synthesise your knowledge and understanding of the text and the author
- Use Speaking and Listening skills to present your findings to an audience

Start date (week beginning): 16th January 2012

End date (week beginning): 6th February 2012

Milestones

After one week pupils should have: Started reading the books

After two weeks pupils should have: Finished the book and read the passage

After three weeks pupils should have: Started research about the author & written author biography

After four weeks pupils should have: Written letter to author and prepared presentation for the class

Help with challenge:

Pupils will receive guidance in choosing an appropriate book for their reading age.

Feedback from parents/guardian:

Dance Challenge

Brief description of challenge

You will prepare a presentation on Gumboot Dance to support practical work in lessons and reinforce your understanding of the historical and social context of the dance style.

Criteria for judging success

- Students work cooperatively within a group
- Students work well with others and communicate
- Students understand historical / social context of gumboot dance
- Students perform accurately with timing
- Students will perform with confidence
- Students present to their class

Start date (week beginning): 23rd January 2012

End date (week beginning): 6th February 2012

Milestones:

After one week pupils should have:

Prepared a poster and a short power point on the historical facts of Gumboot and how it originated.

After two weeks pupils should have:

Prepared a practical demonstration of the key techniques of gumboot dance

After three weeks pupils should have:

A finalised presentation including contributions from each child

Help with challenge:

- Help students to research on the internet for facts.
- Rehearsals
- Assistance from your teacher with organising students for practical classes

Feedback from parents/guardian:

ICT Assignment

Brief description of assignment:

Students will produce a report that they will give to Year 6's to inform them about internet safety. Students will have to research some of the issues that they may encounter when using the internet.

This will be divided into 2 groups:

- First will be the appropriate use of the internet e.g. inform parents/carers they will be using the computer, never give out passwords or contact details, only download appropriate things, observe copyright, observe other people's privacy.
- Second part will look at safety in chat rooms, IM and social networking sites. You have to describe how to stay safe on these mediums and who to go to report abuse, and or bullying.

Assessment criteria:

- Students will be assessed on some of the search techniques that they will have used to find the information that they will need to use in the report.
- High levels awarded for more advanced search techniques (e.g. advanced searches, Boolean operators).
- Students will also be assessed on the content of their reports, with issues surrounding e safety mentioned and recommendations about how risks can be minimised.
- Finally students to be assessed on the appropriateness of their report for the target audience given

Start date (week beginning): 20th February 2012

End date (week beginning): 12th March 2012

Milestones:

After one week pupils should have:	Conducted some research on the issues surrounding e safety. You have to list the search process and the site they used to obtain the information.
After two weeks pupils should have:	Started to incorporate the information found into their report
After three weeks pupils should have:	Finalise report
After four weeks pupils should have:	Produced a report that will be given to Year 6 students that will assist them with safe working practices when using the internet

Help with research:

www.teach-ict.com

<http://www.direct.gov.uk/en/Parents/Yourchildshealthandsafety/Internetsafety/index.htm>

<http://www.thinkuknow.co.uk/>

Feedback from parents/guardian:

PE Challenge: Fitness Testing

Brief description of a challenge:

Fitness Testing

- i) To develop positive attitude to personal exercise and healthy lifestyle.
- ii) To be able to record and analyse simple data
- iii) To evaluate own performance and suggest ways to improve.

You have been given 3 Fitness Activities to perform at home with parents' support /supervision:

1. The tasks need to be performed using the criteria
2. Record your results every time the task is performed.
3. Find out any patterns in your performance (evaluation)
4. Explain why there are changes in your performances.

Criteria for judging success:

1. Accuracy in performance using criteria for performing the activity.
2. Changes in your pulse rate.
3. Accurate recording of data.
4. Changes in the data collected.

Start date (week beginning): 27th February 2012

End date (week beginning): 12th March 2012

Milestones:

- 1. Week 1:** Students should analyse their performance at the end of every week for 3 weeks.
- 2. Week2:** Students to note any changes in the performances.
- 3. Week 3:** Students to explain why there are changes in their performances.

Help with challenge:

A support booklet will be provided by your teacher.

www.fitness-testing.com: then type in the specific activity to generate further instructions / support.

Feedback from parents/guardian:

MFL Assignment

Brief description of assignment

You need to produce a written and spoken presentation in French/Spanish of about 100 words

- 1) Personal details: name, age, birthday, physical description
- 2) Description of family, pets
- 3) Where you live (describe your area and give directions to places near your house)

Bonus: a comparison of London and Paris/Madrid with opinions

Assessment criteria

You will write a short piece in French or Spanish

You will prepare a short spoken presentation using memorised language, using bullet points to help you
See National Curriculum levels – teacher to provide.

Start date (week beginning): 27th February 2012

End date (week beginning): 19th March 2012

Milestones

After one week pupils should have: written paragraph 1

After two weeks pupils should have: written paragraph 2 and redrafted 1.

After three weeks pupils should have: written paragraph 3 and redrafted 2

After four weeks pupils should have: redrafted 3 and prepared spoken presentation.

Help with research

Listos/Metro books and workbooks

French/Spanish clubs

Assistants (French and Spanish) can be consulted

Feedback from parents/guardian:

History Assignment

Brief description of assignment:

Title - Wars of the Roses

Pupils are to research key facts:

- House of York/House of Lancaster
- The Battle of Bothworth
- Death of Richard 3rd
- After the Battle

Assessment criteria

Pupils will need an:

- Introduction, Middle, Conclusion, Bibliography

You will be assessed in the following way:

- Peer Assessment judged against the national curriculum, level 3-7.
- Self assessment - Where can I improve.
- Teacher Assessment: Overall grade.

Start date (week beginning): 5th March 2012

End date (week beginning): 26th March 2012

Milestones

- **After one week pupils should have:**
Researched and made clear key notes: 1st Draft
- **After two weeks pupils should have:**
Started to prepare assignment
- **After three weeks pupils should have:**
Completed assignment.
- **After four weeks pupils should have:**
Pupil are to complete an evaluation of this assignment. WWW/EBI

Help with research

You will receive help in forming your research in class. Your teacher will provide you with a support booklet.

Feedback from parents/guardian:

Art Assignment

Brief description of assignment:

- To create a self-portrait in the style of Van Gogh:

Using all your drawing skills and knowledge of the visual elements create your own self-portrait. Pupils should base their design on a portrait by Van Gough. Pupils must research his drawings, sketches and paintings of himself, his friends and family members. Final design should be on A3 paper or card, be bold, striking and full colour. Remember to refer to recent class work portraits.

Pupils should hand in their **final piece** together with their **rough sketches** and **research**.

Assessment criteria

- How well Van Gogh has been researched – his life, art technique & final paintings
- How clear the final piece has been influenced by Van Gogh's paintings
- Use of the visual elements, especially shape and colour
- Use of imagination and inventiveness
- How evident it is that the work has been influenced by Van Gogh's drawings and paintings

Start date (week beginning): 5th March 2012

End date (week beginning): 26th March 2012

Milestones

After one week pupils should have:	Collected examples and researched Van Gogh's portraits
After two weeks pupils should have:	First trial drawings exploring his 'style' of using colour and paint
After three weeks pupils should have:	collect all research and rough sketches
After four weeks pupils should have:	Final colour A3 self-portrait

Help with research

Use Library: depending on what or who you are basing your stamp on, you will be able to use the library to research it.

Internet: use Google to search for examples of stamp design. Here's a tip – try looking on www.vangoghgallery.com ; www.google.com ; www.nationalgallery.org.uk

Feedback from parents/guardian:

Drama Challenge

Brief description of challenge:

You will need to create a power-point presentation (in pairs) on the topic of bullying. This Personal Study Challenge will be supported with practical learning in class.

Criteria for judging success:

- Students' presentations should last 5-7 minutes.
- They will demonstrate their understanding of various forms of bullying.
- They will be able to give personal accounts or empathise with real situations.
- They will provide suggestions for combating bullying.

Start date (week beginning): 12th March 2012

End date (week beginning): 26th March 2012

Milestones:

After one week pupils should have: Identified different types of bullying

After two weeks pupils should have: Found real life stories on bullying – see Librarian.

After three weeks pupils should have: Created slides/ presentation with outcomes for combating bullying.

Help with challenge:

A list of websites will be provided by your teacher.

Feedback from parents/guardian: