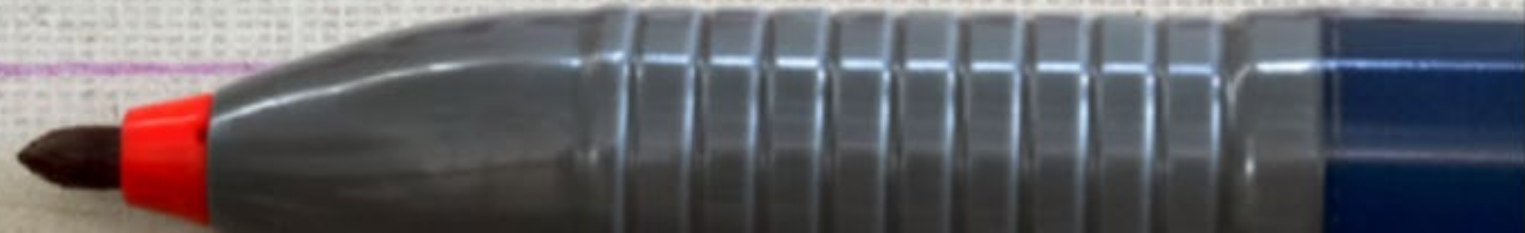




Viking Shipbuilding

Year 8 PBL
History/
Mathematics

- Introduction:



Welcome to your first PBL task for the year.

This assessment is based on the learning you have and will complete this term.

So far you have studied

- **Geography** – The motives and actions of **the Vikings** in the context of past societies
- **Mathematics** – Data collection, Statistics, Graphing

Viking Shipbuilding



In **HSIE** you have studied Viking culture (AD 790 – c.1066), including way of life, social and political structures, the role of religion, the reasons for and impact of Viking expansion.

In this task, you will focus on significant developments and/or cultural achievements that led to Viking invasion/expansion such as:

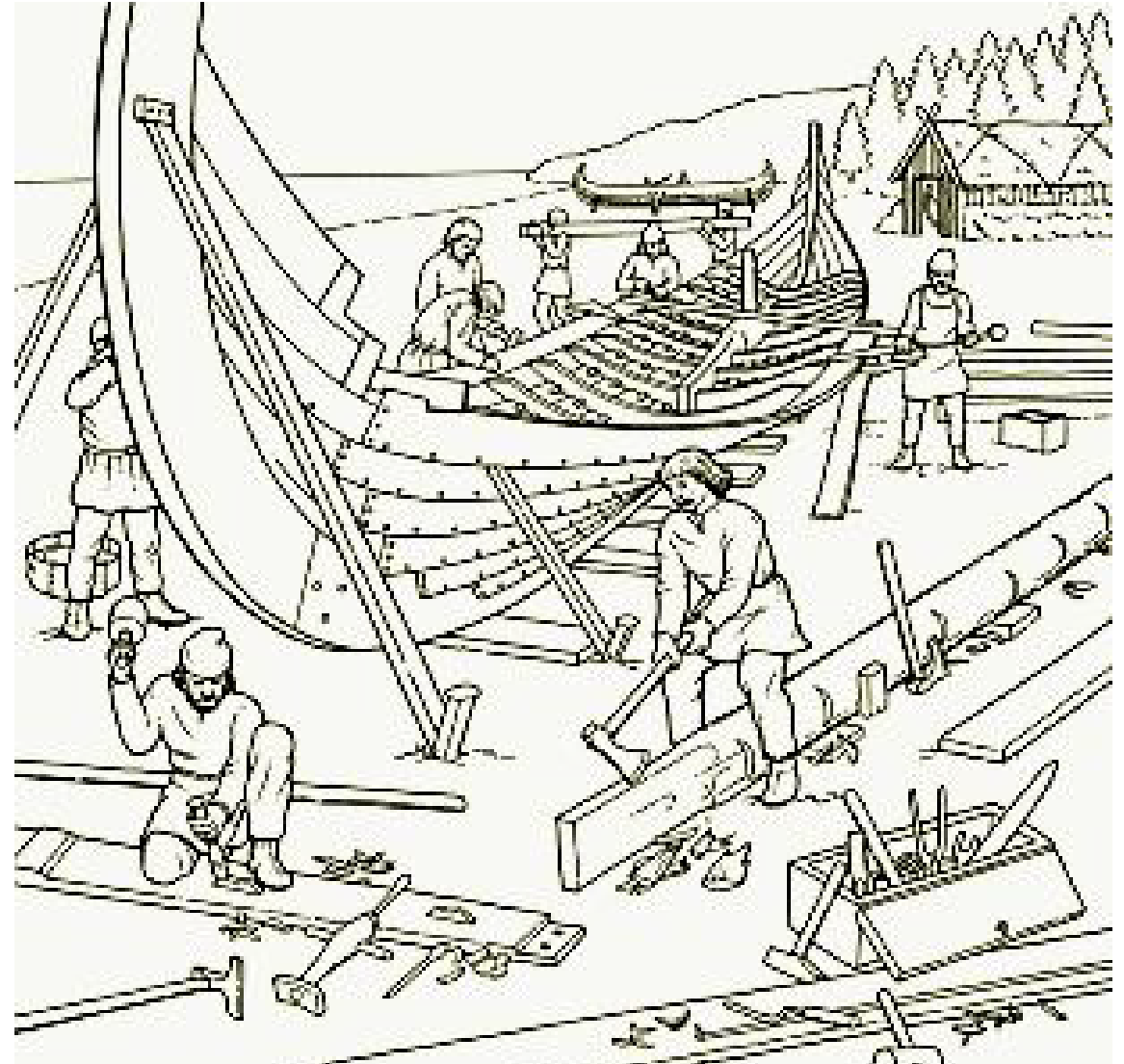
- The extent of Viking exploration and trade
- Shipbuilding technologies

You will examine and compare a variety of Viking and modern ships using **mathematical principles and concepts** such as scaled 2D/3D drawings and ratios.

You will also make an informed judgement as to whether you believe the Viking shipbuilding techniques influenced shipbuilding today.

Viking Shipbuilding

- 4-5 per group
- Create and deliver an informative and interesting online digital resource
 - Google Slides
 - Prezi
 - Canva
 - Brochure
 - Booklet
 - Newspaper
 - Website
- Digital resource will include research, data, scaled drawings, ratios and informed judgements regarding the long-term impact of Viking shipbuilding





Pre task:

- **Success criteria activity**
- **Get into groups of 4-5**

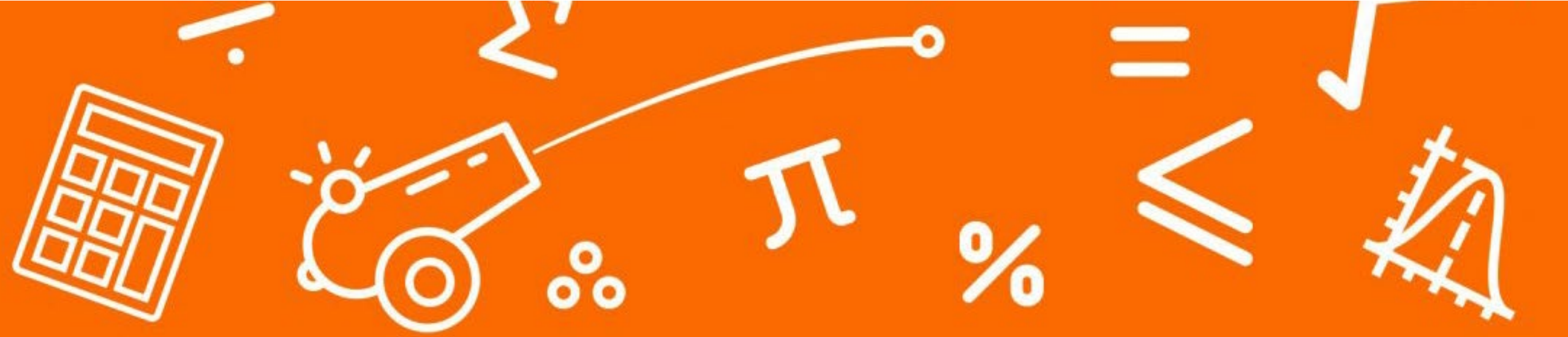
During task: (In more detail on your notification...)

1. **Brainstorm your need-to-know questions**
2. **Research Viking shipbuilding and complete 2D (or 3D) diagrams**
3. **Research modern day shipbuilding and complete 2D (or 3D) Diagrams**
4. **Compare the similarities and differences**
5. **Continuity and Change**
6. **Make a judgement**

Post Task

- **Self and peer reflection document**
- **Report comment template**





There is some
maths
involved...
remember to
include it in
your digital
resource

Research Viking shipbuilding and complete a 2D (or 3D) diagram

1. Identify and calculate the length, height and width of the listed ships
2. Create a SCALED 2D or 3D diagram of the side of each of the ships
3. Create a SCALED 2D or 3D diagram of the top of each of the ships

Research modern day shipbuilding and 2D Diagram

1. Identify and calculate the length, height and width of the listed current day ships.
2. Create a 2D or 3D diagram of the side of each of the ships
3. Create a 2D or 3D diagram of the top of each of the ships

Comparison

1. Ratio's comparing the length of 3 Viking and 3 modern day ships

Supporting Questions



- What were the key features of Viking society?
- Identify the different roles and relationships within Viking society.
- What are some of the locations of the Viking homelands?
- What are some of the geographical features that helped shape Viking society and history?
- How was the everyday life of men, women and children in Viking society?
- What are some of the significant developments and/or cultural achievements that led to Viking expansion, including shipbuilding?
- What was the extent of Viking exploration and trade?
- How and why did shipbuilding technologies encourage Viking expansion?



Code

yyhag3d

Product Submission



1. Complete the team strategy document and submit on the PBL G/C
2. Complete the success criteria activity and submit to the PBL G/C
3. Submit your online digital resource to the PBL G/C
4. Complete the self and peer evaluation and submit to the PBL G/C
5. Complete the report comment template and submit to the PBL G/C



Marking

- Marking criteria can be found on the final page of the task
- The task is worth 20 marks
- Weightings 40% HSIE and 10% maths



COLLABORATION	Mark	SELF							
Fully understands what is required Consistently motivates others Exerts a calming influence on stressful scenarios Contributes equally and encourages other group members to do the same Sees the strengths in others and utilises these appropriately Open to new ideas and willing to modify their own Negotiates role allocation Reliable and dependable	5								
Understands most of what is required Generally motivates others Remains calm and deals with stressful scenarios Contributes equally and hopes other group members will do the same Recognises the strengths in others Open to new ideas Negotiates role allocation Reliable and dependable	4								
Understands some of what is required and seeks clarification Does not seek to motivate others Remains calm Contributes equally Focuses on their own strengths Open to new ideas Accepts role allocation Generally reliable and dependable	3								
Understands little of what is required but seeks clarification Not self-motivated Allows stress to hinder their own and group performance Does not contribute equally and allows others to do most of the work Doubts their own strengths and abilities Has difficulty accepting new ideas and points of view Resists role allocation Unreliable	2								
Understands little of what is required, seeks no clarification Undermines the motivation of others Creates stress in difficult situations Makes little contribution and relies on others to do the work Fails to see the strengths in themselves and others Is judgemental and critical of new ideas Resists role allocation unreliable	1								

- You will be asked to reflect on the contributions that you and other group members have made
- You need to honestly and maturely assess the group performance.
- The reflection asks you to consider three key areas:

Collaboration Communication Time Management

This is a COLLABORATIVE TASK

- You should work with each other, bounce ideas off each other and give and receive feedback.
- Its not a task that you throw together the night before

Good luck =)

