

Pontyclun Primary School 2023-2024

Target: To develop numeracy teaching and learning across the school with a focus on the following:

- Challenging the more able and talented pupils
- Improve pupils understanding of numerical language
- Include more Numeracy across the curriculum into planning

Success Criteria:

- A comprehensive range of numeracy activities across the curriculum is evident in all classes
- MAT pupils challenged in all aspects of numeracy
- Most pupils are able to use the correct numerical vocabulary when discussing their work.

Action	Outcome	Date	Person responsible	Evidence/ Impact and next steps.
● Improve pupils understanding of numerical language				
Review the school's Numeracy vocabulary booklet with the staff and provide the expectations of use in planning	Pupils to be introduced to progressive numeracy vocabulary every week across the whole school	September	All Staff -n	Pupils handed out new vocabulary booklets and discussed in staff meetings that new vocabulary will be introduced every Monday morning. Children to become familiar with new vocabulary (linked to their year group) and write their definitions in their books (when purchased) See Evidence of weekly vocabulary on staff weekly planning
Purchase and introduce vocabulary books from Y1- Y6	Pupils can locate the vocabulary easily and reflect when unsure of a word. The children will carry these books with them throughout the school. They will become	September	LP purchase- all staff to introduce	Completed- All children use their Numeracy vocabulary booklets every Monday. They will reflect on these words in preparation before Problem-Solving lessons, assessments, and the end of each term. Evidence- See pupils vocabulary booklets in Year 1- Year 6

	a personal vocabulary dictionary		e to children	
Provide example questions for each 'question of the week' for all year groups.	Staff will understand the format and expectations for the question of the week. It will allow consistency throughout the school	September	LP	Completed- Google slides documents created for each year group to show the progression of questions and show format and expectation for consistency. Staff are able to use these templates to create their own. Evidence- Please see- Pontyclun Primary Drive/ Numeracy at Pontyclun Primary Drive
Question of the week to be visible at the beginning of each lesson in the pupil's books from Y3-Y6. Pupils to write the Question of the week on a Monday and then QOTW the rest of the week with their workings underneath	Pupils can reflect back on their questions. Show their workings, as well as include numerical language. Pupils will get used to using the language, as well as giving reasons for their answers	September	All staff	Completed- Staff meeting carried out to show staff the expectations on how we want it to be presented. Question of the week is evidence on weekly planning. Evidence- Please see the children's books.
Questionnaire baseline for the pupil's understanding of numerical vocabulary	Pupils will be able to gain the opportunity to explain what they know now and then later on in the year to show the impact	January	RV All Staff	Questionnaire given to the children to identify the vocabulary they know half way through the year. Each class completed the questionnaire with 3 pupils (MA, A & LA). Data was then collected. Evidence- Pontyclun Primary School/ Numeracy at Pontyclun Primary
Numeracy working wall Numeracy vocabulary and questions of the week to be updated on a weekly basis	The vocabulary is visible around the classroom for the children and this will encourage them to use and become more familiar with the terminology	September	All staff	Completed- Staff meeting to discuss the expectation of Numeracy working wall displays. Staff provided with what was to be included on their wall. It was vital that vocabulary and question of the week was evident on each class numeracy working wall. Completeds- See photos on the drive under Numeracy Action Plan
● Challenging the more able and talented pupils				
Create a MAT Numeracy register from Basic Number results for each year group	Children are on the MAT register so they can be	October	LP	Completed- MAT pupils identified from Basic Number results from Form A. The register was then monitored and updated in April.

	closely monitored so that no child is underachieving			Evidence Please see MAT Register Folder- Pontyclun Primary Drive/ Numeracy at Pontyclun
Create a MAT Numeracy register from Personalised assessment in January	Children are on the MAT register so they can be closely monitored so that no child is underachieving	January	LP	Completed- MAT pupils identified from Personalised assessment results from Form A. The register was then monitored and updated in April Evidence- Please see Assessment & Pontyclun Primary Drive/ Numeracy at Pontyclun
Maths resources audit and create a list to purchase new resources if needed	Children are able to use the resources to extend their learning	September	All staff	Hugh attended a course to look at different techniques and how to use recourse in Numeracy. Follow up to see if funding is available. Resource grid given to staff to complete Summer term to purchase resources
Monitor planning to ensure staff are challenging the MAT pupils (Red)	Ensure the differentiated tasks are extending the children's knowledge and providing a stimulating and challenging learning experience for them	Autumn Spring Summer	LP LP LP	Autumn Term Monitor completed out by HR- Please see AOLE Summary- Pontyclun Primary Drive Spring Monitoring completed by LP- Please see AOLE monitoring sheets on Pontyclun Primary Drive Summer Monitoring completed by LP- Please see AOLE monitoring sheets on Pontyclun Primary Drive
Attend Mathematics Masterclass for high achieving pupils/ MAT pupils	To gain deeper understanding and recourse for problem solving and investigation enrichments activities for more able pupils	October	LP RV	Organised in December with Ri after training- Pupils work with Tonysguboriau and Llanhari MAT pupils in Ri workshops. Currently the pupils have carried out 3 RI masterclasses. The next 3 are scheduled for this term. Pupils have worked with outside agencies for the first 3 and the next 3 will be run by the staff at the 3 cluster schools. Evidence- Please see See Numeracy at Pontyclun for more details and Images

● **Included more Numeracy across the curriculum into planning**

Upload alfresco learning activities to the drive for staff to access	Alfresco learning offers a wide range of outdoor activities, which are also cross curricular. Staff are able to use these in their planning	Through out the academic year	All Staff	Alfresco learning activities for Numeracy uploaded to the drive to encourage cross curricular links and outdoor activities for staff to implement into their planning. Evidence- Please see Pontyclun Primary Drive
Training on Numeracy across the curriculum for senior members of staff or all staff if possible	Ensure that numeracy across the curriculum is being impeded throughout. Staff need to feel confident in making cross curricular links and understanding how and where it links best	Spring	RV LP All staff	Completed in Spring Term- RV attended a 3 day course- Numeracy across the curriculum run by CSC. RV presented relevant information to staff and gave ideas for ways forward. Completed- Spring Term- LP arranged for Louse Davies from CSC to deliver staff training to teaching staff based on the 3 day course in April. Louise Davies summarised the 2 day course and gave as much information to staff, including websites, resources, etc. Evidence- Please see Louise Davies PowerPoint evidence
Maths online workshops and webinars	Pupils are able to show engagement and gain life experience when listening or working with outside agencies	Through out the academic year	All Staff	Various websiers, organisations and companies offer free webinars and workshops over the academic year. We have signed up to various websites and different year groups have taken advantage of them, according to their topic or maths concept of the week. Evidence- Please see images on class seesaw accounts, in planning and pupils books. Pictures also available on Pontyclun Primary Drive
Monitor planning & seesaw accounts to ensure staff are including numeracy across the curriculum	Ensure the numeracy across the curriculum tasks are implemented into the planning on a regular basis	Through the academic year		Autumn Term Monitor completed out by HR– Please see AOLE Summary- Pontyclun Primary Drive Spring Monitoring completed by LP- Please see AOLE monitoring sheets on Pontyclun Primary Drive Summer Monitoring completed by LP- Please see AOLE monitoring sheets on Pontyclun Primary Drive

Celebrate World Maths Day	Pupils to have a fun, engaging day celebrating maths, using cross curriculum links	March	All staff	Completed- LP delivered a whole school assembly, involving pupils. There were games and competitions involved to engage the children- emphasising how maths is fun! All staff planned activities within their classroom environment. The children were also asked to complete our Maths is Fun competition, where they had to create a piece of maths craft of their choice. Winners were awarded prizes (to encourage more participation) Evidence- Photos on class seesaw accounts and on Pontyclun Primary Drive. Maths crafts on display in the school hall.
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