

mathcymru Grants Scheme

mathcymru school grant application form: Mrs. Lucy Davies (Cwmpadarn School's Maths Coordinator)	
Name of school: Cwmpadarn Primary School	
Address:	Penygraig Llanbadarn Fawr Aberystwyth Ceredigion SY23 3SG
Telephone:	01970 617674
Contact name:	Mr. Huw Raw Rees / Mrs Lucy Davies - Maths Coordinator
e-mail address:	prif@cwmpadarn.ceredigion.sch.uk
<p>Maths idea: (e.g. Who is it aimed at? What age? How many? How will the funding help with new activities? Which criteria will the project address? How will you measure its impact? What are the health and safety issues? Have you prepared a risk assessment?)</p> <p>Pupils from Years 5 & 6 have benefited greatly from the opportunity to undertake these practical tasks in a fun and hands on way. (grant received 2007) The school's intention is to continue to further promote and encourage maths within lower KS 2 with suitable activities which in turn will further improve the children's understanding of number / maths in their surrounding area.</p> <ul style="list-style-type: none"> • The target group is aimed at lower KS 2, years 3 & 4 • Age range from 7 to 9 year of age – 24 pupils in all • The funding will be essential in providing staff time to create a maths challenge booklet unique to Cwmpadarn School. The staff will be able to focus on preparing activities in a professional manner with the aim to support the broad maths curriculum, improve standards and help promote higher standards of numeracy through: <ul style="list-style-type: none"> ○ Preparing challenging activities ensuring the children take an active part in the activities. ○ Ensuring a fun element in its delivery. ○ Give the pupils the opportunity to complete appropriately demanding work outside of the classroom context, through carefully planned questioning – yet provide real life challenges. ○ Developing children's confidence to tackle real life problems and practical tasks: <ul style="list-style-type: none"> ▪ Figure out answers mentally ▪ Calculate accurately ▪ Encourage mental calculation ▪ Develop pupil strategies ▪ Make sense of number problems ▪ Make use of predictions ▪ Handle data ▪ Measures • Cwmpadarn School carries out NGFL Maths assessment twice a year in order to monitor standards and pupil progress. (October and May) The children will have the opportunity to complete their 'field work booklet' after their October (but before May) assessment and the results will be assessed and the impact monitored. • The school long term objective is to complete a 'maths challenge booklet' for each year group. <p><u>Llanbadarn Square and Church</u></p> <ul style="list-style-type: none"> • Cwmpadarn School is located 5 minutes walk from Llanbadarn Square which holds a rich resources for mathematical opportunities, it is here that the pupils will be challenged. For example: <ul style="list-style-type: none"> ○ Two Pubs – look at the menus / bar prices <ul style="list-style-type: none"> ▪ How much for meal a) meal b)one drink = how much change from £..... ▪ How many fluid ounces in a pint half a pint ○ Bus stop <ul style="list-style-type: none"> ▪ How often does the number 3 bus depart each day? ▪ What time does the last 514 bus leave on Monday ○ What is the speed limit? ○ Haley's Hair Salon <ul style="list-style-type: none"> ▪ How much for a hair cut, dry, colour etc.... how much change from ▪ What time does Haley's open, how many hours is it open for..? ○ Wearing Butchers <ul style="list-style-type: none"> ▪ Gram's & kilogram's ▪ What is the cost for a ½ / 1 lb kg of sausages, bacon, steak ▪ What time does Wearing Butches open, how many hours is it open for..? 	

- War Memorial
 - How old was x when he lost his life
 - How long ago did the great war / second world war start
 - Who was the youngest / oldest to lose their life
 - Llanbadarn Church
 - When were the drains installed (dates moulded into guttering) how long ago was this
 - Find Mary Evans grave how old was... when did she die... how long ago ...?
 - Look at the ROMAN NUMERALS further questioning
 - Tessellation – what shapes can be seen in the engraving on the tower..
 - What is the height of David Thomas Grave Stone
 - What is the surface area of
 - What the floor tiles
 - How many panes of glass / windows ?
 - Write down a number plate and multiply the numbers together
 - Observe traffic flow for 5 / 10 minutes – handle data – create a line graph
 - What is the house number for Brynrheidol?
- As identified above, there are opportunities for: measures, data handling, four mathematical processes, problem solving through practical tasks which would support, develop and improve the delivery of maths through field work and hands on practical tasks at the appropriate level for these children’s learning.

Dates(s) of activity: Project to be completed as part of Cwmpadarn’s Wales Maths Week (8th – 12th October 2009)

Level of grant requested: ¾ of total grant = £ 850

Financial breakdown: 5 days supply cover
Day 1: ½ day cover for Year 3/4 teacher and a whole day for Mrs. L. Davies (Maths Coordinator) to survey Llanbadarn square and identify suitable differentiated activities for KS 2 and carry out risk assessment.
Day 2 , 3 & 4: Compile data into a draft fun yet challenging booklet directed at both year groups. Headteacher will support with ‘publisher’ aspect of presentation. An important aspect will be to make good use of the NGFL Maths Assessment Sheets in order to guide, support and challenge the pupils in their learning.
Day 5: ½ day cover for Year 3/4 teacher and a whole day for Mrs. L. Davies for proof reading, followed by printing.
Total Supply Cover 4 days – Without this funding the school would be unable to release staff support the further development of Maths at Cwmpadarn.
 Having undertaken this task for pupils in years 5 & 6 it took over a week to collate, compile, proof read these resources –hence the request for 5 days cover. As I understand the Maths Booklets for Years 5 & 6 have also been placed on your web site.

Activity: To create a unique Cwmpadarn maths challenge booklet for pupils in years 3 & 4.	Cost: 5 days supply cover @ £ 185.00 per day = £ 840 Gloss Photograph card for cover = £ 10 Total Estimated Cost = £ 850
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Head teacher support and declaration:
 I declare that I support the above named teacher’s application for project grant funding from mathcymru.
 Name: **Mr. Huw Raw Rees**
 Signed: _____ Date: **Thursday 4th December 2008**

Teacher declaration:
 I agree to ensure that the project / activity is carried out in accordance with the criteria stipulated by mathcymru. I accept that, if I am successful in my application, but do not complete the final project and evaluation report; the Welsh Assembly Government may seek repayment of any funding paid.
 Name: **Mrs. Lucy Davies**
 Signed: _____ Date: **Thursday 4th December 2008**

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