

MOORLANDS SCHOOL NEWSLETTER



Message From The Head

Dear Friends of Moorlands

As you are aware, for the last couple of weeks, many of Year 6 have been going through senior school entrance examinations, interviews and scholarship assessments. As a staff, we have been incredibly impressed by the mature and responsible way in which these young people have approached what can be a nerve-wracking, rigorous and tiring process. They have been supportive of each other and their behaviour and commitment around school has never faltered. Thank you Year 6, we are very proud of you all.

I'm sure that in all of our lives we've had moments when we can honestly say, it's been good to talk. So, as part of this term's focus on positive mental health, Monday's assembly reiterated the importance and benefits of this.

Whether it be a conversation with a friend, teacher, family member or professional - verbalising a concern or worry can immediately help diminish it. But knowing how to open such a conversation can be difficult so this was discussed, as well as thinking about how we could be good listeners.

Over the coming weeks, we are going to move on to look at the benefits that music, art and sport can have on our mental health as well as challenges to our learning and issues such as staying safe on the internet and positive relationships.

As many heads will testify, parking is a perennial problem in any school and one which takes up a disproportionate amount of time, which would otherwise be spent on our core purpose of educating children. All of the users of the school site have been sent the same message - reiterating the safe and courteous use of the school car park - and thank you to the vast majority of drivers who do respect and adhere to these rules.

Also, thank you for bearing with us whilst the school boiler was out of commission this week, there was much relief when it finally burst back into life on Thursday!

Any finally, if you have an hour to spare this weekend, why not take part in the world's largest wildlife survey . . . the RSPB Big Garden Birdwatch. This is now in its 40th year and originally started as an event for children, organised by Blue Peter and the RSPB. More details can be found at www.rspb.org.uk

With kind regards

Jacqueline Atkinson



@MoorlandsHead

Year 1 Solving Practical Maths Problems

Year 1 have been working hard to solve a variety of practical maths problems this week, showing excellent teamwork skills as they went! Using four cups labelled 1,2,3,and 4, the children needed to throw two cubes into the cups and add their total. They then had to calculate the highest score that could be made, the lowest score that could be made and discuss why it was not possible to score a total of 9. The children showed great maturity and are developing fantastic reasoning skills. Another excellent week in Year 1!



Year 2 Music—Learning the Ukulele

Year 2 are really enjoying learning the ukulele this term and can already play 'Animal Fair' and 'London Bridge!' Well done, Year 2.

Mrs Matthews



Music Reminder



Please can all pupils remember to bring their music books into school each time they have a music lesson.

Year 4

Year 4 are really enjoying the early stages of their topic *Our Powerful Planet*. This week we have read both 'The Shaman's Apprentice' and 'The Great Kapok Tree' by Lynne Cherry. The children have written letters to the boss of a logging company, as if they are a worker, explaining why they cannot justify cutting down the trees in the Amazon rainforest. Within their letters they have used persuasion, explanation, prepositional sentence openers, adjectives to describe nouns and adverbs to describe verbs. There has been some excellent work produced!

Dear Boss,

From this day forward I have made the decision to never cut a single tree down again.

Since I have been in the rainforest, I have seen under the damp floor lots of freaky, hairy tarantulas. There are slippery snakes and monkeys mischievously swinging from vine to vine. Upon the muddy, squelchy floor, the spotty leopard was hunting craftily for his prey. High up in the canopy, sat a colourful toucan peckishly eating a poor insect.

Have you thought about the damage you are causing to the environment? If you keep cutting down the trees, in the future your children will have less oxygen and won't be able to breath as well will they? Finally, what about the beauty of the rainforest? All the flowers will die and what was beautiful will just be abandoned desert.

Have you thought about all the animals whose lives are at risk? What about the food chain? The animals will have less food and their population will die down.

Maybe instead of using so much unnecessary wood we could use other materials? Instead of using tree gum to make rubbers, children could gently cross out and we could use recycled paper? If we have to chop trees down then plant more.

I hope you will think about what I have said,
From Eilidh

Dear Mr Phillips,

Today I have not chopped the trees down because I have realised that since I have been here I have seen so many wondrous sights. Deep down in the forest, there were beautiful, blue macaws just hatching slowly while the howler monkeys were not too far away. Up high, I saw a patterned bird. Some of the trees were so tall I couldn't even see the top! This has been the best experience of my life. Thank you for sending me to this amazing paradise, even if I haven't done the job I was meant to do.

You haven't been here so you haven't seen the beauty of the rainforest. Oxygen comes from trees – your company cuts down trees so you could eventually kill us all from your own wrongdoing. Don't you see the future? No oxygen! What will your grandchildren have to do, go to Mars? You have to stop what you're doing right now!

If all the animals are isolated in a world without trees they will have no homes. What if you didn't have a home? What would you do? Think food chain – kill some animals and you affect others. Chopped trees = homeless animals! Chopped trees = no beauty and life! The end of our amazing world.

We don't need so much wood, recycle paper. Plant more trees to replace the ones you take.

Please sir, for the sake of the world,

From George

Year 5 Maths Problem Solving



Year 5 have been working phenomenally hard this week on their problem solving and reasoning skills in maths. They finished their unit on multiplication and division and so it was time to put all their newly learnt skills and strategies into practise. Long and short multiplication, short division, chunking for long division, finding fractions of amounts, column addition and subtraction, area and lots of checking of calculations came into this problem. Some questions invoked 5 or 6 steps before completion. Oh and you could regularly hear 'read the question!' chorusing out of the Year 5 classroom! They had to budget for an expedition to the world's most famous volcanoes! All food, insurance, equipment, transport etc, needed costing and the groups had to work together, delegate calculations, check each other's work and really focus as most calculations involved 6-digit answers!



Very well done, Year 5, your perseverance was fantastic to witness. Have a go for yourself...



Mrs Grayson and Year 5

Reasoning and Problem Solving – Multiplication and Division – Year 5



GEOLOGICAL EXPEDITION #4657

VOLCANIC MEASUREMENT AND ANALYSIS

Volcano studies form an extremely important sector of our geological studies. The department is coming under increasing pressure to save money and streamline our resources. We must fight to maintain our volcanic studies. Although a volcanic eruption can be an awesome display of the Earth's power, it also causes disastrous loss of life and property, especially in densely populated regions of the world. As such, we can argue our work is cheaper than the impact of an unmonitored volcano. We must only think of Vesuvius or Eyjafjallajökull in Iceland to understand the importance of our work.

Calculate carefully, as your expedition cost analysis will be submitted to the committee for review and authorisation.

Focus and accuracy is needed.

1. Individual Kit List

Rucksack	£17
Waterproofs	£9
Thermals	£13
Walking Boots	£26
Torch	£6
Sleeping Bag	£37
Sleep mat	£48
Survival Bag	£11

There are 13 members in your team.
Calculate the total cost of individual kit for the team.



2. Camp Kit

Camp kit costs will depend on the length of your expedition. Use the details below to calculate your expected expedition length. Note: You need to add one fifth contingency to the total days. Formula: $\text{days} \times \text{team number} = \text{length}$

	Current Study
Travel Days	19
Study Days	65
Rest Days	11

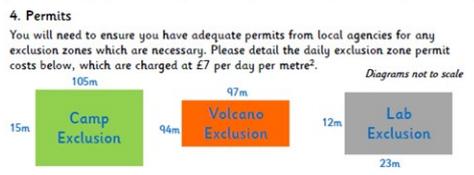
Each camp day you have calculated will have the following costs: food £23, first aid £7, fuel £17, life and accident insurance £51 and wages £98. Showing a breakdown of each cost plus a total cost for the camp, calculate your full camp costs.



3. Technical resources

For each selected item please ensure you add £5 per day insurance to the hire cost.

Equipment	Hire (cost per day)	Number of days	Hire Cost	£5 per day Insurance	Total cost
Thermometer	£1,234	65			
Soil collection pods	£2,543	23			
Chemical analysis	£7,325	30			
Richter graph	£5,731	35			



5. Transportation

Helicopter transportation saves time, reducing days spent on site and therefore costs. Costing options for Helicopter transport is detailed below. Calculate cost per passenger to help maximise value for money. Note: 2 members of the team will be on rest each day, and 2 more will remain at the lab.

Helicopter	Cost per trip	Per passenger	Tick to select option
4 seater	£1,224		
8 seater	£2,943		
10 seater	£3,510		

Jeeps are needed to transport kit and workers (except the ones on rest days). Calculate the best daily option to hire. Note: The daily kit needed takes up 3 seats.

Jeep	Cost per trip (outward and return journey)	Total Daily Cost	Price per Person	Tick to select option
4 seater	£242			
8 seater	£473			

6. PRE EXPEDITION TRAINING AND BRIEFING

Now you are all ready for your training and pre-expedition briefing. An external company has quoted £346 per person for three days training. Internally we know we can run the training for £4,364 for the whole group. Which is the most cost effective?

APPROVED

Brilliant work the whole expedition is approved! Thanks for your help!

School Library

Year 5 and 6 have been busy in the fiction section of the school library, organising books and generally making the space more attractive as well as discovering some new authors and genres. We are particularly impressed with Mrs Parton's sewing skills and the colourful bunting which has appeared!



Late Class Phone Number

If for any reason you need to contact the late duty member of staff between 5.00 p.m. and 6.00 p.m., please use the school mobile telephone number, as the front desk is not staffed after 5.00p.m.

Late Class Contact: **07810 045706**

Bad Weather Procedure

During the winter months it may be necessary to close, or in exceptional circumstances, not to open the school. If either of these is necessary the following procedures will apply:

When pupils are not in school an announcement will be made on the school Twitter feed and parents will be sent a text. The school will endeavour to make a decision by 6.30am. If there is no announcement then the school will be open as usual. Every effort will be made to keep the school open.

If it becomes necessary to close when pupils are in school, parents will be sent a text message. If parents are concerned about the safety of road conditions they may come to collect their children.

Swimming Gala vs. Richmond House
Monday 21st January 2019

The first gala of the year saw us compete against Richmond House.

Richmond House got off with a strong start in the Backstroke races, however great performances were shown from Ishaan and Dominic. Breaststroke was a much stronger stroke for Moorlands and saw Max (U8) and Oliver. N (U11) both winning their races whilst James. F (U9) and Oliver. S (U10) gained very respectable 2nd places.

Moorlands held their own nicely against Richmond House in fly. Stand-out swims came from Matty in the under 9 race and Arthur and Dominic for the U11s.

Freestyle however was our best event, with Moorlands U8 Ollie, U9 Elliot and U11 Arthur all winning their races. Lele and James. A also swam really well, both placing second. Richmond House pulled out all the stops in the relays, however nothing could stop the U11s who convincingly won both relays.

All in all a close gala, which ended Moorlands 122 – Richmond House 136. A big well done to the whole team, especially the U8s who swam so well in their first gala.

Thanks you to Mrs Grayson for coaching us.

By Oliver N

U10/11 Netball vs Ghyll Royd

It took us a while to really get into our first match against Ghyll Royd this season, with the score for the first quarter being 9-1 to them. After a team talk, we came back on for the second quarter more determined. Yusuf and Verity played extremely well in attack, helping us to score. Unfortunately though we didn't have enough to overtake Ghyll Royd.

In the third quarter, Lele made some great interceptions in defence, bringing the ball into our shooting area. At the end of the third quarter we'd scored 4 goals, the other team scoring 2. In the last quarter we pushed ourselves as hard as we could. Jujar made some incredible interceptions, making a huge difference to the scores. Tiggy scored an impressive goal in the last few seconds, the overall score being 11-23 to Ghyll Royd.

The two men of the match were Jujar and Yusuf for playing in their first netball match. Thank you to Mrs Thompson for coaching us.

By Cecily

Foxhill Run Trophies

Please could all Foxhill Run trophies be returned to school ensuring that they are inscribed and polished.



Cricket Coaching

Open to boys & girls aged 5 to 15

Indoor sessions - February to March

Outdoor sessions & games - April to August

Qualified coaches at all sessions

St Chad's Broomfield Cricket Club are the only amateur cricket club in
Headingley, with over 130 years of history and 15 senior and junior
teams, playing both at the weekend and midweek. Join us now!

07795 154444

paul@stchadsc.com



Dates For Your Diary

January

- Weds 30th House Challenge
 2pm—U11 Mixed Hockey vs Gateways at Adel Astro (A)
- Thurs 31st 9.30am –10.30am Moorlands to Host DSL Cluster Group Meeting

February

- Mon 4th Year 3 & 4 Trip to the Recycling Centre
 4.15pm U9-U11 Swimming Gala vs Highfield (A)
- Weds 6th U11 Mixed Hockey vs Gateways at Adel Astro (A)
 U9 Netball Festival at Giggleswick
 Leeds Schools Cross Country Finals
- Thurs 7th Class Photos—Tempest
- Fri 8th 2pm—MSA School Uniform Sale
- Sat 9th 9am-12pm U9 & U10 Football Tournament at GSaL

Half Term - 4pm Fri 15th February— Sun 24th February 2019

The full school calendar is available on the website www.moorlands-school.co.uk

Lunch Menu For Week Commencing 28th January

Days	Option 1	Option 2	Side Dish	Desserts
Monday	Beef Stew	Vegetable Stew	Yorkshire Pudding, New Potatoes & Green Beans	Strawberry Mousse
Tuesday	Sweet Chilli Chicken	Sweet Chilli Vegetables	Boiled Rice, Sweetcorn & Prawn Crackers	Sticky Toffee Pudding with Butterscotch Sauce
Wednesday	Sausage Pie	Quorn Pie	Potato Wedges, Garden Peas & Gravy	Chocolate Crispy
Thursday	Seasoned Breaded Chicken	Ratatouille	Pasta in Tomato & Basil Sauce with Broccoli	Vanilla Slices
Friday	Jacket Potato		Cheese, Baked Beans & Tuna	Assorted Desserts

Available every day - fresh salad bar, brown bread, fruit, jacket potatoes and a selection of fresh sandwiches.