



The Apple



The weekly news from Isaac Newton School, Grantham

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Dear Parents/Carer

I would like to welcome you all back and I hope that you all had a lovely Easter break. It's already been a wonderful start to the summer term and I would like to thank everyone for making me feel so welcome. I've really enjoyed spending some time over the last couple of weeks, getting to know our amazing children and staff. I'm really looking forward to meeting all members of the school community. If you need to speak to me, for whatever reason, I am usually at the front of school at the start and the end of the day. Alternatively, make an appointment with the school office. I hope you enjoy our wonderful Newsletter!

Mr D. Milner
Headteacher

Caught being Respectful

Throughout the summer term, we will be looking for children who are respectful. At the end of the week children who show respect will be chosen to have a special treat and a story with Mr Milner, Mrs Pask or Mrs Moorcroft. If you spot any pupils being respectful on the playground, on their way to or from school then please let us know.

Dates For Your Diary:

1 st May	Bank Holiday
8 th May	Bank Holiday
15 th /16 th May	Year 4 Residential at Stibbington
26 th May	Half term
5 th June	Term 6 Starts
6 th June	Class 5 at Ferry Meadows
7 th June	Class 6 at Ferry Meadows
13 th June	Year 5 at Burleigh House
20 th June	Year 5 Knipton Day
26 th June	Class 11 Belvoir Farm Day
27 th June	KS2 Meres Sports Day
28 th June	Class 12 Belvoir Farm Day
6 th July	Year 3 Roman Day (Theatre in school)

Reminders

Please can I remind all children that for safety reasons, children should not be using their scooters or cycling on the school grounds at any point.

The children generally look smart in their uniform but there are an increasing number of brightly coloured trainers in school. Please make sure that the children are wearing black shoes to school.

Safeguarding

As a school community we must remember that keeping our children safe is everyone's responsibility. We always appreciate your support and thank you for reporting concerns when you see or hear of incidents outside school.

Home Learning

Amazing home learning from Loretta from Class 5. This beautiful painting was done at home. She was so proud of it that she brought it in to school to show her class and Mr Milner



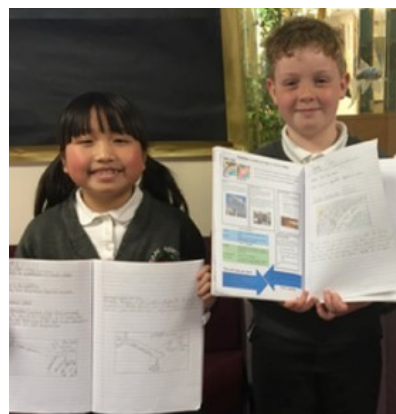
We are really impressed with her art skills!



Zuzanna made this fantastic lighthouse with her dad at home. It was made as part of the topic in school 'I wish you were here'

The Lighthouse is so professional and even has a light on the top which spins around and turns on!

Well done Zuzanna!



Outstanding Geography work from Trixie and Filip on Climate Change.

They were very knowledgeable and could tell me in detail what they had been learning about. Well done to all three of you!

Gardening Club

This week, Mrs Pask started a Gardening Club and went around the school to look for areas to plant and found some weeds. The children loved it and next week we will start planting around school.



Tag Rugby

Just before the Easter break, we entered the Grantham Tag Rugby Tournament held at Kesteven Rugby Club. We started by playing league games, playing Barrowby winning 9-1 and St Mary's winning 6-1. This resulted in us winning the league and going through to the semi finals. We played against a very strong and organised St Sebastian's team, the children tried their best, tagging and defending their try line well. Unfortunately they lost this game, meaning they went on to play in the 3/4th place game against Ropsley. The children showed huge resilience to put in a superb performance winning 6-2. We were therefore awarded Bronze Medals!! A huge well done to all the children, they were fantastic all afternoon and showed great determination in a relatively new sport to them. As always, the PE team are incredibly proud of you all!!

Cross Country

Today we entered a team of boys and girls in the Year 3/4 Grantham Cross Country Event at the Meres. The children were incredibly excited, for some the first time they had represented our school. With over 100 children in each race, they battled their way around the course in some very gusty winds! They all competed with smiles on their faces and real determination, running nearly a mile in distance! A huge well done to everyone who took part, special mention to Daryl in Year 4 who beat his position from last year and gave great support and encouragement to the other children!

Thanks as ever to our amazing PE staff – Mrs Atter, Mr Doughty and Miss Jones.



Online safety

National Online Safety produce online help guides known as #wakeupewednesday to keep children safe online. The first guide is about the importance of secure passwords. According to a Google survey, more than half of us (52%, to be exact) routinely re-use the same passwords, with around one in ten employing a single password across all of their online accounts. What that means, of course, is that any hacker successfully cracking our password would find themselves with access to not simply one of our online accounts, but several (at least).

That, along with the fact that many people's favoured passwords aren't exactly impenetrable, makes it easier to see why some sources put the number of online accounts being broken into at around 100 per second. Yes, you read that right: 100 per second.

National Online Safety have now produced an app with lots of useful advice, support and guides around being safe online. Find out more by going to <https://info.nationalonlinesafety.com/mobile-app>

Ten top tips for STRONGER PASSWORDS

Passwords continue to be the most common way to prove our identity online. A combination of a username and a password known only to the user provides access to our online accounts and data – and hopefully keeps unauthorised individuals out. As a security measure, though, passwords are relatively weak. People are often predictable in how we choose our passwords, for example – making them less secure. With increasing volumes of usernames and passwords being leaked online, what can we do to keep our data more secure? Here are our top tips for stronger passwords.

BE UNPREDICTABLE

We often choose passwords which are easy to remember: featuring the name of our favourite sports team or favourite film, for instance. Those are predictable passwords. Cyber criminals will routinely try various combinations of passwords relating to sports teams, actors, musical artists and the like – and they often focus on these during major sporting events or around high-profile movie releases.

AVOID GETTING PERSONAL

Many of us use passwords relating to our family, such as children's names or favoured holiday destinations. The problem here is that we also typically post about our holidays and our family on social media – making that information potentially visible to cyber criminals and supplying them with clues which could help them in narrowing down possible passwords we might have set.

NEW PLATFORM, NEW PASSWORD

Where cyber criminals gain access to an online service through a data breach, they often use the data they've stolen to try and access the victim's other accounts. This is because the criminals know that, for convenience, people often use the same password across different services. When we reuse passwords, our security is only as strong as the weakest site where we've used it.

LONGER IS STRONGER

Our passwords are often stored by online services in an encrypted format, in case the service suffers a data breach. The strength of this encryption, however, is dependent on the length of the password you've selected. If your password is only a short one, cyber criminals are significantly more likely to be able to break the encryption and identify your password.

CHECK SOCIAL MEDIA VISIBILITY

Staying up to date with friends and relatives on social media is part of everyday life now. We need to ensure, though, that we limit who can see our posts via each platform's privacy settings. It's also wise to consider what we're posting and if it's really safe to share online. If we restrict what cyber criminals can see, we reduce the chance of them using that information to identify our passwords.

'DOUBLE LOCK' YOUR DATA

It's possible that cyber criminals may eventually discover your username and password. Enabling multi-factor authentication (MFA) on your accounts, however, reduces the chance of them obtaining access to your data, as they'd also require a code which is provided via an app, SMS message or email. MFA isn't infallible, but it does definitely provide extra protection and security.

DELETE UNUSED ACCOUNTS

Data breaches occur when cyber criminals gain access to an online service and all the data contained within it – including usernames and passwords. Whenever you stop using a service, it's wise to make sure that you delete your entire account and not just the actual app. If the service no longer has your data, there's zero risk of it being leaked should they suffer a data breach in the future.

TRY PASSWORD MANAGERS

Even though most of us have numerous online accounts to manage these days, it's advantageous to avoid password re-use. Specialist password management software (like Dashlane or OnePass, among others) can help by storing a different password for every online service that you have an account with: the only one you or child will need to remember is the single master password.

GET CREATIVE

The British government's National Cyber Security Centre (NCSC) recommends the 'three random words' technique. This method helps you create a password which is unique, complex and long – yet which is memorable enough to stay in your mind ("FourBlueShoes", for example). The NCSC website, incidentally, also offers plenty of other useful information relating to personal cyber security.

STAY VIGILANT

The best way to protect your accounts and your data is to be vigilant and careful. If you receive an email or text message that's unusual or unexpected, treat it as suspicious until you're able to verify whether it's genuine and safe. Starting from a position of vigilance and caution will reduce the likelihood of you or your child being tricked by a malicious email, text or phone call.

Meet Our Expert

A Certified Information Systems Security Professional (CISSP), Gary Henderson is the Director of IT at a large boarding school in the UK, having previously taught in schools and colleges in Britain and the Middle East. With a particular interest in digital citizenship and cyber security, he believes it is essential that we become more aware of the risks around technology, as well as the benefits.

Source: <https://www.ncsc.gov.uk/>

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