

Computing: Programming using micro: bits

1. **What is a micro: bit?** It is a device (pocket-sized codeable computer) with motion detection, a built-in compass and Bluetooth technology
2. **What do we mean by the term 'coding'?** Coding is another term for programming, which is the process or activity of writing computer programs
3. **What is an algorithm?** An algorithm is a clear set of instructions to carry out a task.
4. **What do we do if we're tinkering with technology?** Tinkering is trying things out, which is an exploration to learn more about something.
5. **What are bugs in a program?** Errors, faults or flaws that occur

Indoor Pe: Straw Bear Dance

1. **What is mirroring?** When the moves are completed opposite to the other person (different arm/ leg etc.)
2. **What is the main step in a molly dance called?** The step-hop
3. **What does unison mean?** Doing dance moves at the same time
4. **Where does the 'Mucky Porter' dance originate from?** East Anglia
5. **What does canon mean?** To take it in turns to perform a movement that is identically copied and performed by others

Outdoor PE: Tag Rugby

1. **How do you tag a player?** Pull their tag out, hold it in the air and shout 'tag'.
2. **Where should you release and receive the ball?** At chest height.
3. **How do we perform an accurate pass sideways?** Draw a smile with the ball as you transfer the ball from one side of their body to the other.
4. **How can you avoid a defender?** Side step or feint.
5. **What happens when you place the ball on the opposition's end zone?** You score a try.

French: I Am The Music Man

1. **What is 'Jazz music'?** le jazz
2. **What is 'Pop music'?** La musique pop
3. **How do I say 'Which genre of music do you like?'** Quel genre de musique aimes-tu?
4. **How do I say 'I like'?** J'aime
5. **How do I say 'I don't like'?** Je n'aime pas le

New Road Primary School

Spring Term 1 2024-2025

**(January - February)
Year 4 and Year 5**



Information for parents

Mrs Hibbins, Ms Khan, Miss Bright, Mrs Lawson,
Mrs Warrener, Mrs Standbridge

Dear Parent/Carer,

Hope that you have had an enjoyable Christmas break. This letter is to inform you of what your child will be learning this half term through a range of questions that they should be able to answer by February half term. We have provided the answers for you as well.

Miss Bright/Mrs Lawson Mathematics

- 1 How many metres are in a kilometre? 1000m
- 2 How many millilitres is 2.7L? 2700ml
- 3 How many degrees less is -8 degrees Celsius than 9 degrees Celsius? 17
- 4 How would seven minutes past nine at night be written on a digital clock? 21:07
- 5 How do we calculate the perimeter of a regular rectangle? $2 \times (\text{length} + \text{width})$

Ms Khan Mathematics

1. How many minutes in one hour? 60 minutes
2. How many seconds in one minute? 60 seconds
3. How would we know if the time was in the morning? A.M
4. How would we know if the time was in the evening? P.M
5. How would quarter to six be displayed on a digital clock? 5.45

Miss Hibbins Mathematics

- 1.What is a line of symmetry?
- 2.How can we describe 2D shapes?
- 3.What are coordinates?
- 4.How many cm are there in a m?
- 5.How many g are there in a kg?

English: Fiction/Non-Fiction (recount – diary)

1. How do we punctuate dialogue? Inverted commas to mark the words being said, capital letter to start speech, including appropriate punctuation mark before closing speech, new speaker on a new line
2. What is parenthesis? A word, phrase or sentence that is inserted into writing as extra information
3. In what ways can parenthesis be punctuated? Commas, brackets and dashes
4. What is the difference between similes, metaphors and personification? Similes compare using 'like' or as...as...'; metaphors are a stronger comparison (She is an angel); personification is when we give inanimate objects human qualities.
5. What is a recount? An account of an event or experience

Science: Earth and Space

1. What shape are the Earth, moon and sun? Spherical
2. Name the planets in our Solar System in order. Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.
3. Does the sun move? No, it appears as if it does, but it is the Earth spinning on its own axis.
4. Is the sun a planet or a star? A star, because it produces its own energy.
5. The moon moves around the Earth. What is the scientific term for this? Orbits

R.E: Islam - Pilgrimage

1. Which of the 5 pillars is about Muslims making a pilgrimage? Hajj
2. What is a pilgrimage? A journey to a holy place
3. Where in the world do Muslims make an annual pilgrimage to? Makkah (Mecca)
4. What is the name of the black stone cube that they walk around 7 times at the start of their pilgrimage? The Kaaba
5. Why do Muslims make a pilgrimage to Mecca? To obey Allah and fulfil the fifth pillar of Islam, to get closer to Allah, to cleanse them of their sins

PSHE: Being Responsible (Looking out for others)

1. What does it mean to be considerate? To think about and look out for others; to not inconvenience or harm others
2. What is teasing? Making fun of someone; this can be in a good-natured way, but if is done over and over again, it can lead to bullying
3. How is bullying different to teasing? Bullying is being mean to someone on purpose, repeatedly; there is a clear power imbalance when bullying occurs.
4. Name 2 strategies for addressing bullying. Say No or Stop, Walk Away, Change the subject, Laugh it off, Stand up against the bully, Be friends with victims, Get help
5. What do all school have to have in place to show their aims and actions with regards to bullying? An anti-bullying policy

History: Enter the Vikings: Settlement North and South of the Fens

1. Who invaded Britain before the Vikings? The Romans, Jutes and Anglo Saxons
2. What reasons did The Vikings have to invade Britain? They attacked Britain to get riches and slaves which they brought back to their home countries. They wanted to settle and farm the rich and fertile land.
3. Why did Vikings target monasteries and churches such as Lindisfarne and Peterborough monastery? Because the churches and monasteries were very rich and had a great deal of gold and valuable artefacts. The monks were religious men and their religion did not allow them to fight back.
4. Where are there visible signs that The Vikings settled in Britain? In the place names around the country eg Any place that ends in -by, Derby or Grimsby for example, comes from Old Norse meaning a 'farmstead or 'village'.
5. Why didn't The Vikings settle in The Fens? At this time, The Fens were marshy, wet and undrained areas.

Music: Make You Feel My Love

1. What does pulse mean? The beat of the music.
2. What does tempo mean? The speed of the music
3. What does dynamics mean? The volume of the music
4. Who originally wrote Make you feel my love? Bob Dylan
5. Who else has covered a version of Make you feel my love? Billy Joel, Garth Brooks, Kelly Clarkson, Adele