

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 are bugs in a program and what is the term for correcting them?** Bugs are errors, faults or flaws that occur and when we correct them, we are 'debugging'
5. **What's the difference between the input and the output of a program?** Input is a way of telling the computer what you want it to do; output is a way of seeing whether the computer has done what you asked it to do.

Dance (Straw Bear)

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

Tag Rugby:

1. **How do we keep safe when tagging?** Head up, look where you are going, non-contact, no diving, no collisions.
2. **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; release the ball at chest height.
3. **How can you attack as a team?** Work in a loop when you attack: communicate with each other and call for the ball, pass the ball with accuracy as you move forward.
4. **What happens when a defender manages to tag a member of the attacking team?** If an attacker tags an attacker, they hold the tag to the air and shout "tag", then give the tag back to this player
5. **What happens when one side scores a try by placing the ball over the line?** The team that just scored a try must retreat back to their half of the pitch

New Road Primary School

Spring Term 1 2022

(January – February)

Year 5



Information for parents

Mr Allen, Mrs Allen, Mr Blake,
Mrs Standbridge, Mrs Weston

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.

Mathematics

1. **When we're multiplying, what do we call the answer?** The product
2. **What are key points to remember when multiplying using the column method?**
 - Record digits in the correct column according to their place value
 - Multiply ones digit of the top number by the ones digit of the bottom number
 - Multiply tens digit of the top number by ones digit of the bottom number
 - Use a zero to show that there is nothing in a column
3. **In division calculation, what do we call the number we're dividing by?** Divisor
4. **If an amount cannot be divided equally, what do we call what is 'left over'?** The remainder
5. **In a fraction, what do we call the top and bottom numbers?** Top number is the numerator and bottom number is the denominator

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

Class book: 'The Explorer' by Katherine Rundell

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

French: I Am The Music Man

1. **How do we say different genres of music?** Le jazz (jazz); le musique pop (pop music)
2. **How do we say 'I like'?** J'aime
3. **How do we say drums?** La batterie
4. **How do we say 'Do you play...?'** Tu joues...?
5. **How do we say 'I don't play...?'** Je ne joue pas...

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 it 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 schools 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 Me Feel My Love

1. **What do we mean by the pulse in music?** The steady beat of the music.
2. **What do we mean by an instrumental interlude?** No singing, just instruments
3. **What do we mean by the tempo in music?** The speed of the music e.g. fast, medium or slow.
4. **What are the features of a pop ballad?** Slow and gentle backing; uses instruments like strings and piano and acoustic guitar.
5. **Explain the difference between composition and improvisation?** Improvisation is being creative (going with the flow); composition is recording notation