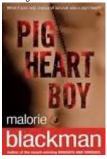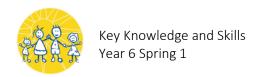This half term in year 6, we will be exploring key ideas in 'Pig Heart Boy' by Malorie Blackman and using the text to inspire our own writing.

Key knowledge and skills	Key vocabulary
Science **We will be learning about the circulatory system this half term.** The heart pumps blood in the blood vessels around to the lungs. Oxygen goes into the blood and carbon dioxide is removed. The blood goes back to the heart and is then pumped around the body. Nutrients, water and oxygen are transported in the blood to the muscles and other parts of the body where they are needed. As they are used, they produce carbon dioxide and other waste products. Carbon dioxide is carried by the blood back to the heart and then the cycle starts again as it is transported back to the lungs to be removed from the body. This is the human circulatory system.	Heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system,
Computing **This half term, we will focus on text adventures using 'Purple Mash'.** A text-based adventure is a type of game that uses text instead of graphics. It will give the player a lot of options about what to do next. A sprite is a computer graphic which may be programmed to move on screen. Debug/debugging is when you are fixing errors so that the code will run correctly. When 'selection' is used the program will choose a different outcome.	Text adventure Sprite Debug Selection Function
Art **We will be exploring painting techniques and colour mixing.** I can use different paint techniques to create different effects and textures. (E.g. dry brushing, glazing, stippling, pouring, splattering) I can mix different colours, tints and shades that I need independently. I can choose appropriate resources and implements to adapt and extend their work. (lighter, darker, thickening, thinning paint, adding highlights and shadows, changing the pressure of brush/ painting tool used)	Effects Textures Lighter Darker Thick/ thin Tints and shades Stippling
R.E. Our enquiry question this half term is 'How does being a Hindu affect what a person does?' We will explore key aspects of Hindu Dharma and think about the ways its teachings and core beliefs impact the lives of its followers.	Hindu Dharma Mandir Rama Sita Vishnu

P.S.H.C.E.	
We will be learning about ways to keep money safe this half term. Fraud is when someone tricks someone in order for them to gain their money. Money can be kept safe in bank accounts which require PINs, verification or signatures to access the money. Money can be invested yet this needs to be into a stable and reliable source.	Fraud Betting security Accounts Verification Savings Investments Pickpockets
Music	
In our unit this half term, we will explore film music. A film soundtrack includes the background music and any songs in a film. A 'major' key signature use note pitches that sound cheerful and upbeat. 'Minor' key signatures use note pitches that can suggest sadness and tension. 'Graphic notation' means writing music down using your choice or pictures or symbols but 'staff notation' means music written more formally on the special lines called 'staves'.	Accelerando Unison Chords Texture Composition Solo Crescendo Sequence Improvise Pitch Dynamics Major Minor

French	Noun bank:
We will be speaking, listening and writing about playing sports and offering our opinions. Question and answer bank: Tu aimes...? Do you like..? J'aime...car...c'est... I like... because its... Je n'aime pas... car c'est... I don't like.. because its .... J'adore... car c'est.. I love... because its... Je déteste... car c'est... I hate... because... Grammar: Jouer- to play Tu joues- you play Il joue- he plays Elle joue- he plays Nous jouons- we play Vous jouvez- you play Ils jouent- they play Ells jouent- they play	Le cricket- cricket Le tennis- tennis Le foot- football Le basket- basketball La danse- dance La gymnastique- gymnastics Le rugby- rugby La natation- swimming Le cyclisme- cycling Le handball- handball