English units Recount Extended narrative / authors Non chorological reports Myths and legends Persuasion The Highway Man (images) (GR unit) Film narrative Highway Man (persuasion) There's a boy in the girls' bathroom			**IPC units** Go with the flow Science –Look hear! The great, the bold and the brave! Being human Science –Full power! Out of Africa			
Terms	1	2	3	4	5	6
IPC unit	Go with the flow (11 weeks)		The great, the bold and the brave! (8 weeks)	Science –Full power! (2-3 weeks)	Science –Look hear! (3 weeks) Being human (3-4 weeks)	Out of Africa (4 weeks)
Science	Clarification of living things (fresh water habitats) Effects of food chains Relationship between living things and their environment Water as a source of energy Renewable and sustainable energy sources –wind mill / hydro dams Water cycle recap Stalagmites and stalactites Permeable and impermeable rocks –linked to local area Making a water filter		None	Heat as a by-product of energy conversion Conductors and insulators of heat Electrical circuits using symbols Major sources of energy Renewable and sustainable (linked to Go with the flow unit) How components in a circuit work Complete circuits High voltage components (new NC 2014 objective) Series circuits Parallel circuits Making fairground buzzer game Electrical safety	Internal and external body parts (see below) Parts of the ear: -bones of the ear (anvil, hammer, stirrup) -outer, middle and inner ear -shape of outer ear to help hearing Parts of the eye: -pupil, iris, cornea, lens, retina -why we don't see upside down Distinct properties of materials- Opaque, translucent and transparent Reflection, refraction and absorption Sounds –travelling through materials (string telephone) Changing pitch by changing length of string, material etc Echoes/acoustics Frequency of vibrations Similarities and differences between human and other creatures Diet The brain Functions (speech, vision, sensory, motor skills etc) Spinal cord Nervous system Neurons Bones and their functions (pelvis, femur, tibia, fibular humerus, radius, ulna) Heart –linked to Year 3 Impact of diet and smoking on circulation system Respiratory system (nose, mouth, trachea, lungs, bronchus, diaphragm) Reproduction Inherited characteristics Nature v nurture Digestive system (recap from Year 3 Chocolate)	Classification of living things Micro organisms Local plants and animals Beginnings of life (in the sea) Sorting and grouping sea creatures based on their structure (vertebrates, invertebrates, crustaceans, reptiles, corals and sponges) Prehistoric living things that are still live today Life came out of the sea (fins not needed, legs grown, tetra pods) Amphibians Reptiles Prehistoric plants How fossils are formed and in which type of rock (links to Year 4 Active planet) Mass extinction Insects and flower evolution Human evolution Human inheritance v environment Natural selection and evolution Adaption leading to evolution
Geography	Rivers of the world Longest rivers Tributaries Lakes Dams Glaciers Mouth/source/course Cities built on banks of river (NOT Nile as covered in Year 4) See below re. flooding of river Nile)		When using maps in this unit, explicitly focus on the fact that this is all in Europe Greece –locate and find geographical features (mountainous terrain, plateaus and coast) Maps of Ancient Greece –City states (focus on Athens and/or Sparta and compare the 2 city states)	None	None None	None

	Trip to river Stour Speed of flow Sediment and delta Human activity on rivers Parts of a river (upper, middle, lower) and their uses Flood FIELDWORK	Locating Italy and Rome on a map			
History	Flooding of Nile	Government of UK and democracy – idea of democracy started in Athens Persian empire (500BC) Persian war against Greeks Finding out about the past using buildings (Acropolis, Parthenon) Theatre (comedy and tragedy) Heroes and leaders (Alexander the Great) Roman Empire Rome and Rover Tiber Government –republic like USA (contrast to our monarchy) Social hierarchy of Ancient Rome Learning about important buildings/places in Rome Roman army Roman invasion of Britain Impact of invasion Dark ages Invasion and settlement of Anglo Saxons Invasion and settlement of Vikings (link to local area) Alfred the Great Normans (Battle of Hastings and Bayeux tapestry) MUST TEACH EDWARD THE CONFESSOR –not in IPC but in new NC 2014)	Discovery of electricity –important people who played a part	None None	None
Technology	Structure of bridges over water Create portfolio of design process (see IPC plans) Make small scale bridges and test with weights Rebuild after test to make improvements Navigate a river –modes of transport	None	Make a dash board for a car (headlight using a bulb, fan using a motor and a car horn using a buzzer)	Making a stringed instrument Design and prepare a healthy meal for a child of their own age Set own criteria Write a menu	Diet of early humans (comparing teeth to primates as evidence) Plan and prepare prehistoric menu and modern day update of same menu
Art	None	Produce Roman mosaic (cannot be Greek because that's covered in Year 2) Look at Antoni Gaudi (modern mosaic artist) (not IPC but needed to met new NC 14 requirements)	None	None	None
ICT					
International	River management –effects of dams on other countries down the river	Impact of Romans on Britain today	Issues concerning electricity in the future	Sound and light pollution Latest scientific news stories –such as obesity or malnutrition	Anti-biotic resistant micro-organism (bacteria and super bugs)
Society	Research river being dammed –debate different perspectives on humans damming a river	None	None	None	None
PSHE	New beginnings Getting on and falling out	Going for goals	Good to be me	Relationships	Changes

		Say no to bullying				
RSE	Girl talk / boy talk (to be taught across terms 1 and 2)	Girl talk / boy talk (to be taught across terms 1 and 2)	None	None	None	None
Music	MusicPlus Guitars	MusicPlus Guitars	MusicPlus Guitars	MusicPlus Guitars	MusicPlus Guitars	MusicPlus Guitars
PE	Swimming	Games Outwitting defenders Reading of the game Remember skills Describe methods Choose methods OAA Team building Choosing the best method	Games Outwitting defenders Reading of the game Remember skills Describe methods Choose methods OAA Team building Choosing the best method	OAA Team building Choosing the best method Athletics Take part in challenges Devise new challenges Compete against others Apply skills Dance Choosing best movements to create a routine	Athletics Take part in challenges Devise new challenges Compete against others Apply skills Dance Choosing best movements to create a routine Games Outwitting defenders Reading of the game Remember skills Describe methods Choose methods	Swimming for non swimmers Athletics Take part in challenges Devise new challenges Compete against others Apply skills Dance Choosing best movements to create a routine Games Outwitting defenders Reading of the game Remember skills Describe methods Choose methods
RE	Islam Religion and the individual Worship and sacred places	Christianity Worship and sacred places Symbols and religious expression Religion and community Christmas theme: Journey	Judaism Worship and sacred places Inspirational people Beliefs in action	Judaism Worship and sacred places Religion and the individual Easter theme: Good and evil	Judaism Inspirational people Authority	Christianity / Islam Journey of life and death for both religions
French	Rigolo 2 Unit 1 – Salut Gustave!	Rigolo 2 Unit 2 – A l'ecole	Rigolo 2 Unit 3 – La nourriture	Rigolo 2 Unit 4 – En ville	Rigolo 2 Unit 5 - En vacances	Rigolo 2 Unit 6 - Chez moi
Trip ideas	River Stour		Dover museum and painting Roman house			