

Student Books—Overview

Title	Key Content	Learning Outcomes	NLS links	QCA links
<i>All in the Family</i>	classifying living things plant kingdom phyla animal kingdom phyla	names of 5 kingdoms oxygen and carbon cycles why animals live in groups	Text: T1 – 13; T3 – 7, 17, 18, 19	Citizenship – 03
<i>Built to Last</i>	why people built amazing buildings use of technology progression of building heights	why the Tower of Pisa leans the Taj Mahal's significance types of architecture in St. Peter's Church	Text: T1 – 8, 13, 18; T3 – 17, 18, 19 Word: T1 – 8	Art & Design – 6C Design & Technology – 6A Religious Education – 6E
<i>Close Up on Careers</i>	different types of media caring careers famous people the variety of choices	career planning everyday use of computers main categories of scientists	Text: T1 – 13, 15, 16, 18; T3 – 17, 18, 19 Word: T2 – 5	Citizenship – 02
<i>Cogs in the Wheel</i>	conditions before and advances during the Industrial Revolution inventors features of the Second Industrial Revolution	defining industrial revolution conditions in industrialized cities the ongoing nature of revolution	Text: T1 – 13, 18; T2 – 9, 18; T3 – 15, 17, 18	Citizenship – 07 History – 11
<i>Digging for History</i>	fossil dating steps taken in an archaeological dig rise and fall of the Mayan civilization	importance of understanding the past importance of Mayan temples discovering dig sites	Text: T1 – 13; T2 – 18; T3 – 15, 17, 18, 19 Word: T1 – 5; T2 – 5	
<i>Escape!</i>	people who have escaped danger risking life to help others bibliography	dangers faced by <i>Apollo 13</i> difficulties faced by runaway slaves why dogs are useful in rescue situations	Text: T1 – 13, 15, 18; T3 – 15, 17, 18, 19	Citizenship – 03, 07
<i>Famous Faces</i>	remembering historical figures commemorating bravery perceptions of beauty	why some fame lasts effects of media on famous people contributions of gifted and talented people	Text: T1 – 13, 14, 18; T2 – 16; T3 – 17, 18, 19 Word: T2 – 6	Citizenship – 11 History – 20
<i>Giants of the Deep</i>	different kinds of whales how sharks are classified creatures of different ocean layers	natural dangers facing ocean ships why sharks are successful preservation of ocean habitats	Text: T1 – 13, 18; T2 – 15, 16; T3 – 17, 18	
<i>Monuments and Mummies</i>	lives and roles of the pharaohs ancient Egyptian monuments steps of mummification ancient writing forms	Nile Valley conditions reasons for pyramid construction importance of the Rosetta Stone	Text: T1 – 8, 13; T3 – 17, 18, 19	
<i>Music, Music, Music!</i>	universality of music different musical styles variety of musical instruments constructing an index	significance of folk music influence of electronic instrumentation The Beatles' role in changing pop music	Text: T1 – 12, 13, 14; T3 – 15, 17, 18, 19, 22 Word: T2 – 5	

	Text Type	Vocabulary	Visual Elements	Photocopy Master Skill	Siteseeing: www.infosteps.co.uk
	Biography, instructions, reports, e-mail	<i>amoeba, antibiotic, biome, Carnivora, carnivore, chlorophyll, evolve, herbivore, mammal, mold, phloem, photosynthesis, spores, xylem</i>	sequential diagrams charts with bulleted points nature cycle diagrams double-page spreads	Photocopy Master: classifying, categorizing, and organizing information about living things	Zone: Plants & Animals Link: The Animal Kingdom
	Biography, reports, explanatory texts, discursive texts	<i>architecture, Baroque, Cathedral, Mannerist, mausoleum, obelisk, philosophy, reinforced concrete, Renaissance, stonemason, symmetrical</i>	a map with captions diagrams with labels double-page spreads a bar graph	Photocopy Master: locating and concisely summarizing information as “Did You Know?” answers	Zone: People & Places Link: Buildings
	Biography, instructions, reports, persuasive texts, journalistic writing, interviews	<i>contractor, curator, font, live broadcast, professional, voluntary work</i>	cartoon elements labeled illustrations double-page spreads a diagram	Photocopy Master: organizing and summarizing information about a future career	Zone: People & Places Link: Careers
	Biography, diaries, reports, explanatory texts	<i>assembly line, crop rotation, developing country, enclosure, industrialization, interchangeable part, lock, mass production, mechanization, patent, pauper apprentice, selective breeding, synthetic, textile</i>	captions pictorial graph illustrations and photographs with leadered labels double-page spreads	Photocopy Master: locating, sequencing, and recording information in a time line	Zone: Past & Future Link: The Industrial Revolution
	Biography, instructions, reports, explanatory texts	<i>analysis, anthropologist, conquistador, epigraph, Mesoamérica, nonperishable, paleontologist, plaza, preserve, radioactive, sedimentary, survey</i>	sequential diagrams a range of maps continuing time line double-page spreads leadered captions	Photocopy Master: composing and recording personal information in the form of a time capsule	Zone: Science & Technology Link: Archaeology
	Recounts, biography, reports, explanatory texts, journalistic writing	<i>Allies, French Resistance, Gestapo, political oppression, Special Operations Executive, Underground Railroad</i>	cartoon elements text in a puzzle illustrations and historical photographs	Photocopy Master: recognizing important information to compose interview questions and possible responses	Zone: People & Places Link: Escapes
	Recounts, biography, reports	<i>alias, annex, caricature, celebrity, commemorate, head of state, heritage, Holocaust, icon, immortal, infamous, media, memento, monarch, prodigy</i>	cartoon elements quotes double-page spreads captioned and labeled content	Photocopy Master: composing and summarizing information in the form of a report	Zone: People & Places Link: Famous People
	Recounts, reports, discursive texts, journalistic writing	<i>barb, bioluminescence, camouflage, cartilage, dredge, echolocation, fathom, hull, moratorium, overfish, pack ice, prehistoric, sustainable</i>	diagrams with labels a map with a key labeled illustrations and photographs a table of data	Photocopy Master: locating and matching information about ocean life	Zone: Plants & Animals Link: Sharks
	Instructions, reports	<i>canopic jars, civilization, demotic script, dynasty, Egyptologist, embalmer, excavation, hieroglyphs, natron, pharaoh, sarcophagi</i>	a map with labels captioned illustrations and photographs double-page spreads a variety of diagrams	Photocopy Master: summarizing information in the form of a KWL chart	Zone: Past & Future Link: Ancient Egypt
	Biography, diaries, instructions, reports, explanatory texts	<i>acoustic, ballad, band, compose, Great Depression, lyrics, orchestra, melody, pitch, reed, symphony</i>	captioned illustrations scrapbook formatting labeled photographs music notes on staff	Photocopy Master: organizing and summarizing information gathered about music and musicians	Zone: Art & Entertainment Link: Music

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<i>On the Move</i>	different forms of energy ways energy is consumed forces in nature	force and energy relationship potential and kinetic energy nature of simple machines	Text: T1 – 13, 18; T2 – 18; T3 – 15, 17, 18, 19	Science – 6E
<i>Our Inside Story</i>	affects of nature and nurture anatomy/physiology advances functions of body systems	determining personal traits components of the nervous system changes in the brain during sleep	Text: T1 – 13; T2 – 18; T3 – 15, 17, 18, 19 Word: T2 – 5	Science – 6B
<i>Peace Makers</i>	people working for peace non-violent approaches to peace development of the Red Cross	significance of the Nobel Peace Prize how ordinary people make a difference important roles of the United Nations	Text: T1 – 13, 18; T2 – 19; T3 – 17, 18, 19 Word: T2 – 5	Citizenship – 11 History – 20
<i>People of the Past</i>	prehistoric life hunting/gathering to farming life in city-states	where early people lived benefits of trade reasons for city-states	Text: T1 – 13, 18; T3 – 17, 18, 19	Art and Design – 5A
<i>Rebels and Revolutions</i>	revolutions throughout history outcomes of French Revolution nonviolent protest	causes of revolutions why revolutions continue today importance of the Technological Revolution	Text: T1 – 8, 13, 18; T3 – 17, 18 Word: T2 – 6	Citizenship – 05, 07, 11
<i>Secrets of the Sky</i>	development of telescopes main objects in the universe history of space exploration	importance of the sun to life on Earth importance of the Hubble Telescope meteoroid and meteorite differences	Text: T1 – 13, 15, 16; T2 – 5, 6, 15; T3 – 15, 17, 18, 22 Word: T1 – 5; T2 – 5	
<i>Shifting Perspectives</i>	improving eye conditions brain function changing perceptions	difficulties associated with sight Helen Keller's contributions role of perspective	Text: T1 – 13; T2 – 18; T3 – 15, 17, 18	Citizenship 05
<i>The Invisible World</i>	how modern electron microscopes work structure and function of DNA bacteria and viruses	uses of microscopes functions of microchips possible benefits of nanotechnology	Text: T1 – 13, 17, 18; T2 – 16; T3 – 15, 17, 18, 22	Science – 6B
<i>The Weather Engine</i>	factors affecting the weather atmosphere layers high and low pressure systems	the climate zones effects of an El Niño weather condition weather forecasting techniques	Text: T1 – 13, 16, 17, 18; T2 – 15; T3 – 17, 18 Word: T1 – 9; T2 – 5	Geography – 15
<i>Tides of Change</i>	population growth world trade and transportation changes in technology	meaning in a population map effects of global travel problems associated with fossil fuels	Text: T1 – 13; T2 – 18; T3 – 17, 18	Citizenship – 05 Geography – 25

	Text Type	Vocabulary	Visual Elements	Photocopy Master Skill	Siteseeing: www.infosteps.co.uk
	Instructions, reports, explanatory texts, persuasive texts	<i>air resistance, atom, buoyancy, drag, energy, equilibrium, force, kinetic, lubricant, physicist, pulley, streamlined, radiant, resultant, thermodynamics</i>	flow diagrams labeled diagrams bulleted points sequential elements a chart	Photocopy Master: locating and matching information about simple machines	Zone: Science & Technology Link: Physics
	Instructions, reports, explanatory texts	<i>anatomy, blood platelet, cadaver, circulatory system, conscious, cosmetic, diagnosis, dominant, hallucinate, insomnia, neuron, physiology, prosthesis, recessive, skeletal, subconscious, trait</i>	diagrams with leadered labels a game board microscope and x-ray images cross sections	Photocopy Master: locating and recording important information about systems in the body	Zone: Science & Technology Link: Illness
	Biography, diaries	<i>boycott, concentration camps, constitution, diplomat, discriminate, ethnic, ghetto, humanitarian, massacre, Nazis, neutral, occupy, oppress, pacifist, political prisoner, prejudice, treaty</i>	a time line a map with leaders and a key historical photographs cartoon elements a bulleted list	Photocopy Master: composing, sequencing, and summarizing information in the form of a profile	Zone: People & Places Link: Peace
	Reports	<i>artifact, carbon, city-state, civilization, domestic, handicraft, historian, ice age, prehistoric, surplus, ziggurat</i>	sequential diagrams captioned time line bulleted points maps and photographs	Photocopy Master: composing, sequencing, and summarizing information in diary form	Zone: People & Places Link: Prehistoric People
	Biography, letters, reports	<i>boycott, colonist, Communist Party, democratic, dictatorship, discriminate, equality, frontiersman, liberty, pacifist, segregate</i>	maps with keys/labels captioned world map double-page spreads historical photographs and illustrations	Photocopy Master: locating and organizing information about a range of revolutions	Zone: People & Places Link: Revolutions
	Reports, explanatory texts, journalistic writing, poetry, interviews	<i>astronomer, Big Bang theory, black hole, eclipse, electromagnetic spectrum, galaxy, gravity, light-year, nebula, orbit, simulator, universe</i>	sequential diagrams diagrams with labels illustrations with captions a time line space photographs	Photocopy Master: recognizing and summarizing important information in the form of a newspaper article	Zone: Science & Technology Link: Outer Space
	Biography, reports, explanatory texts, interviews	<i>electromagnetic, illusion, optic, paradox, peripheral, stereotype</i>	optical illusions diagrams labels and a key a time line	Photocopy Master: locating, checking, and organizing information in a glossary	Zone: Plants & Animals Link: Animal Eyes
	Biography, reports, explanatory texts, journalistic writing, interviews	<i>contaminate, electron, forensic scientist, genome, microorganism, property, protein, replicate, revolutionize, RNA, specimen</i>	sequenced diagrams with captions a cutaway diagram microscope images double-page spreads	Photocopy Master: composing and sequencing information about an imaginary crime case	Zone: Science & Technology Link: The Invisible World
	Diaries, instructions, reports, explanatory texts	<i>altitude, computer modeling system, condense, deflect, evaporate, geostationary, humidity, meteorologist, ozone, ultraviolet radiation, water vapor, windchill factor</i>	captioned illustrations maps/diagrams with keys and labels thought bubbles leadered labels directional arrows	Photocopy Master: gathering, recording, displaying, and analyzing information about weather	Zone: Water, Earth, & Sky Link: Climate
	Reports, persuasive texts, interviews	<i>developed countries, developing countries, general cargo, inorganic, life expectancy, obsolete, reclaim, renewable resources</i>	maps and graphs keys sequential diagrams range of photographs and illustrations	Photocopy Master: forming and justifying opinions on global issues	Zone: People & Places Link: Population