Year 5 and 6 Topic Overview Year B (2019-20)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	***Incredible India***	***Lotions and Potions***	***Children of the Revolution***	***Take Off!***	***Faster, Higher, Stronger***	***Enterprise***
Topic Description	We will take a look at what it is like to live in India and compare life there with life in Cardiff. There will be opportunities to learn about the stories, food, music and much more about Incredible India!	There will be a particular science focus in this topic, in which will study materials and changes of state. The children will carry out various investigations into solids, liquids and gases as well as reversible and irreversible changes.	The focus in this topic will be on the Industrial Revolution and specifically the Victorian era. We will learn about what it was like being a child of the Victorian era and will make a comparison with children's lives today. As we move towards St David's Day we will look at some Tales of Wales. Eisteddfod art, poetry and story writing will be based upon Welsh culture- 'Cwriculwm Cymreig'	We will learn about the history of flight and discover about the pioneers who made flying a significant part of our lives.	Based around the 2020 Tokyo Olympics, we will study the history of this significant event and how its aim is to bring nations together in competitive goodwill. We will also learn about some of the Welsh competitors taking part and other inspirational people of the Games.	The children will have the opportunity to start their own businesses and develop the skills needed to be successful entrepreneurs! A wide range of skills in diverse curriculum areas will be developed.
Areas of Learning	**RE** *Come and See 'Other Faiths' topic* Hinduism- Religious festivals and worship **LANGUAGES, LITERACY & COMMUNICATION** Indian traditional tales Biographical and report writing (Gandhi) Simple greetings in Hindi Talk 4 Writing: The Gift **HUMANITIES**	**HUMANITIES** Polar regions Flooding (link to India) **LANGUAGES, LITERACY & COMMUNICATION** Talk 4 Writing: Beowolf Significant author: Shakespeare 'Macbeth' The Witches incantation poetry	**HUMANITIES** Education in Victorian times- spending a day as a Victorian schoolchild, following a typical curriculum. Comparing and contrasting. Child employment and The Factory Act The Industrial Revolution in Wales 'Black gold'.	**HUMANITIES** Studying pioneers of flight- from Leonardo da Vinci to space tourism. Writing biographies, reports and persuasive writing- Environmental impact of air travel - carbon footprint **LANGUAGES, LITERACY &**	**HUMANITIES** Using ICT to research and give presentations on a competing country **LANGUAGES, LITERACY & COMMUNICATION** Researching and giving a formal presentation to an audience **EXPRESSIVE ARTS** Studying past Olympic logos and mottos-	**HUMANITIES** **LANGUAGES, LITERACY & COMMUNICATION** Dragon's Den challenge. Working in groups to carry out market research, organise and present a pitch to teachers. Learning about persuasive language through the genre of advertising and the work of the Advertising

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	Geography Human and physical features of India Drawing maps and keys Looking at causes and destinations of migration Influence of Indian migration on Welsh society and culture **EXPRESSIVE ARTS** Bollywood & Bhangra- Indian dance and music Rangoli patterns **HEALTH & WELLBEING** Growth mindset Y6 Buddy Training **MATHEMATICS & NUMERACY** Time: flight timetables Calculating time difference between Wales & India **SCIENCE & TECHNOLOGY** Following a recipe for Indian food Indian shadow puppets Mouldy bread investigation. Light/shadow	Writing spooky stories in time for Hallowe'en-creating suspense **EXPRESSIVE ARTS** **HEALTH & WELLBEING** Rugby skills Circuit Training Yoga **MATHEMATICS & NUMERACY** Data handling Measuring accurately and converting measures **SCIENCE & TECHNOLOGY** Investigating reversible and irreversible changes of state: Dependent and independent variables Making hypotheses based on scientific knowledge Drawing conclusions and making generalisations	The British Empire (link with work on India) and changing attitudes **LANGUAGES, LITERACY & COMMUNICATION** The development of the postal service- report writing Significant author Charles Dickens : Oliver Twist and the workhouse Letters home from boarding school Dic Penderyn- newspaper reports The Cadbury Brothers- persuasive writing Talk 4 Writing- Bedd Gelert **EXPRESSIVE ARTS** 'Oliver Twist' drama Dramatised trial of Dic Penderyn Eisteddfod choral singing and artwork linked to Welsh tales **HEALTH & WELLBEING** Link 1833 Factory Act to working conditions of children in developing countries today- researching UNICEF's role in	**COMMUNICATION** Biography- the early aviators Talk 4 Write: Icarus Book reviews **EXPRESSIVE ARTS** Role play and drama linked to World Book day and Holy Week **HEALTH & WELLBEING** Gymnastics Fairtrade Foundation and its impact on a community **MATHEMATICS & NUMERACY** Studying timetables and timelines **SCIENCE & TECHNOLOGY** Spinner and paper aeroplane investigations	designing our own National anthems- critical study of melody and lyrics **HEALTH & WELLBEING** Track and field athletics Learning how to track personal performance in PE and setting targets for improvement. Developing positive mindset- successful futures. Research positive sporting role models- what is resilience? Reviewing CTK targets and setting personal targets for success **MATHEMATICS & NUMERACY** Measuring- length and time. Converting measures. Converting metric to imperial units Data handling- interpreting and creating tables and graphs of measured performance **SCIENCE & TECHNOLOGY** Designing and making healthy snacks and drinks Designing and making electric-powered vehicles	Standards Agency **EXPRESSIVE ARTS** Creating an advertising campaign Writing and performing jingles and mottos **HEALTH & WELLBEING** Self-image and how it can be affected in a positive/negative way by adverts. Learning about responsible financial management One page profiles: what do I do well? What helps me to learn? **MATHEMATICS & NUMERACY** Financial education: Understand how to manage a budget, calculating profit and loss. Percentages and fractions of amounts Calculating to 2 decimal places **SCIENCE & TECHNOLOGY** DCF: Using 'iMovies' and green screen to create an advert 'Poster Me' advertising posters

	investigation.		protecting Rights of the Child **MATHEMATICS & NUMERACY** Victorian shopping list: currency in use during this era and what everyday items cost Census- tables and line graphs showing population change throughput c19th **SCIENCE & TECHNOLOGY** Programming Making pulleys Using electrical circuits to create Victorian lanterns Young Leaders award 'What would an engineer do?'			
Trips, Events and Special Days	Visit to Shree Swaminarayan Hindu Temple	Anti-bullying week Y3/6: Carol Service Y 4/5: Christmas Production	The Big Pit visit Pandemonium Theatre Victorian school day Eisteddfod Y6: Llangrannog residential trip Y5 swimming course	World Book Day Fairtrade Fortnight Science Week Holy Week liturgies Y6: Stations of the Cross Y5: Easter Sunday Enterprise	Y5: Morfa Bay residential trip Sports Day	Y6 Leaver's Mass Y6 End of Year production