

St. Mary's Catholic Primary School

Knaresborough, a Voluntary Academy



Autumn term Curriculum Newsletter for Year 5

Maths This Autumn term we will begin by looking at the place value of numbers up to 1,000,000. We will partition, round and compare these numbers also. Alongside this, we will recap and build on our addition and subtraction as well as multiplication and division skills. To finish the term, we will explore the world of fractions by ordering them, comparing them and finishing with adding/subtracting them. 		English In English we will be writing a variety audiences and purposes; all based off books. The books are: Hidden Figures, by Margot Lee Shetterly; Firebird, by Saviour Pirotta; The Lost Thing, by Shaun Tan; and Freedom Bird, by Jerdine Nolen. Our first book, Hidden Figures, we will be writing non-chronological report, Reports, formal and informal letters, diaries, character descriptions and journalistic writing. 	
RE HT1 – Creation and covenant In this branch, children will explore the belief that adopting a set of rules or a code of behaviour helps people find real happiness. During this unit we will explore different sets of rules: The Great Commandment, the principles of Catholic Social Teaching and the virtues.  HT2 – Prophecy and Promise		Science HT1 Materials: Mixtures & separation In this unit, we will explore separating mixtures by exploring different methods, including filtering, sieving and evaporation HT2 Materials: Properties & changes In this unit, we will examine the properties of materials by investigating hardness, transparency and conductivity and considering how these characteristics affect their uses 	
History: HT2 Were the Vikings raiders, traders or something else? In this unit, we will explore the Viking age by learning about Viking raids, trade, settlement and the struggle for control of Britain 		Geography: HT1 What is life like in the Alps? In this unit, we will investigate tourism in mountain environments by learning about the climate and features of the Alps, with a focus on Innsbruck.	
PE PE will be taught on Tuesday and Friday afternoons. Every Tuesday afternoon, until Christmas, Year 5 will be going swimming. PE kit consists of a white t-shirt, blue shorts and trainers or pumps. Please making sure PE kit is always in school in case plans change. Our HT1 units will be: Swimming and Tag Rugby. Our HT2 units will be: Swimming and Gymnastics.		Art, DT and Food Technology HT1 DT - Electric Systems: wobble bots In this unit, we will develop an understanding of series circuits by investigating how electrical products are constructed. HT2 Art and Design: Sculptures and 3D: interactive installation In this unit, we will explore how artists use space, scale and materials to create installation art that conveys ideas, transforms spaces and shapes the viewer’s experience French HT1 – French monster pets HT2 – Space exploration	
Computing During HT1, we will be looking at Computer Safety, how to stay safe online. In HT2, we will be looking at Computing Systems and Networks.	PSHE During HT1, we will be looking at my healthy self: How can I support my mind and body as I grow? In HT2, we will look at the online world: How am I influenced by what I see online?	Music Music will be taught every Tuesday morning, 11.05-11.30, by Amy as part of the Leeds Diocese Singing Program.	
Homework Homework consists of: reading at least 3x a week; weekly maths homework and weekly spelling homework. Children are encouraged to read for 10 minutes per night, at least 3 nights a week. Please can parents or carers complete their child’s reading record (date, book, pages read, comment, and signature). Weekly Maths homework books – A ‘KS2 Maths Times Tables, Year 5 10-minute Weekly Workout,’ will be sent home, where weekly homework will link to the units covered in class. A sheet will be glued onto the inside cover so you know what homework to do and its due date. Homework is due every Wednesday, where we will mark it and go through it all together. Weekly Spelling homework books – A ‘KS2 English Spelling, Year 5 10-minute Weekly Workout,’ will be sent home. A sheet will be glued onto the inside cover so you know what homework to do and its due date. Homework is due every Wednesday, where we will mark it and go through it all together. 			