

# MTP Curriculum Notes

## Year 6 - Autumn 2016

**ENGLISH:** This term the boys will be progressing through a variety of writing activities – both fiction and non-fiction. They will be reading *Holes* by Louis Sachar as well as continuing to improve the accuracy of their spelling, punctuation and grammar. These efforts will both expand their capabilities as writers and heighten their appreciation and understanding of literature.

**MATHEMATICS:** This term pupils will develop their understanding of number theory: odd, even, composite, prime, square, and cube numbers. They will delve further into factors and multiples, HCF, LCM and digital roots. The Singapore Maths approach to teaching will continue in Year 6 when tackling new topics such as working with negative numbers and understanding basic concepts in algebra – pupils will use manipulatives, models and online apps to ensure that they develop a deep, conceptual understanding, thus insuring mastery. There will be plenty of opportunity for pupils to engage in solving complex and challenging word problems in most of the topics studied - there will be an emphasis on developing the pupils' problem solving skills using various methods including the bar model, systematic lists and tables, reversal, flow charts, and algebra. Mastery of mental arithmetic will continue to be of importance and regular practice and testing will help to identify any pupils who need to do extra work in this area.

**SCIENCE:** The boys will be studying Changing electricity and building on their knowledge of series circuits from Year 4. They will then move onto Light and Sound.

**FRENCH:** Pupils will carry on using the Studio 1 course which started in Year 5 and finishes in Year 6, they will then follow the Studio 2 course from the beginning of Year 7. This term's topics include town description, directions and Christmas celebrations in France. Lessons will build on previous knowledge but greater emphasis will be placed on high-frequency words (see grid in exercise books) and grammatical aspects such as spelling and tenses (present and near future).

**CLASSICS:** This term, Year Six will continue to deepen their understanding of the Latin language using the Cambridge Latin Course, Book 1. They will also learn about the Roman beliefs concerning life after death, and gladiatorial shows. The Trojan War cycle will also be studied.

**GEOGRAPHY:** The boys will study coastal processes in the UK, looking at various types of coastline and ways in which people have adapted to the coastal environment.

**HISTORY:** The boys will be studying the Middle Ages throughout this year. This term they will working on organising their ideas into fully analytical essays, and on analysing the way in which interpretations of the past are formed. This term we will be focusing on the Battle of Hastings and the reign of William I, as a depth study.

**RELIGIOUS STUDIES:** This term, pupils will begin their Biblical studies. They will study in depth the Old Testament narratives about the Creation, Patriarchs, and the Law. They will consider the relationship of Science to those narratives, and begin to discuss aspects of human nature. The boys will be encouraged to be aware of current affairs by reading newspapers or watching news bulletins appropriate to their age.

**ART & DESIGN TECHNOLOGY:** This term the boys will explore different types of mark-making and produce a detailed observational pen and ink drawing of an insect and an animal. Pupils will study the reed pen drawings of Vincent Van Gogh before zooming in on their own drawings to produce a print developed from their work.

**DRAMA:** This term the boys will be auditioning and rehearsing for the school production of 'Bugsy Malone' to be performed at The New Barn Theatre in March.

**IT:** In IT, the boys will be introduced to internet safety and they will be looking inside the computer to see how it works. They will investigate what is a network and what it consists of and how it is linked to the internet. The UK Bebras Computational Thinking Challenge' is in November and they will be preparing and doing the challenge.

**MUSIC:** Music lessons this term will boys will predominately spend time learning productions songs ahead of next terms show.

**PE & GAMES:** This term the pupils will be developing their basic skills for competitive hockey and will be introduced to more complex techniques as the term progresses. In Rugby this term, the boys will develop their ability to retain or release the ball during a game situation.