

Year 5 Curriculum Newsletter

Autumn Term 1

Dear Parents and Carers,

Welcome to Year 5! We hope you all had a wonderful summer holiday. We are looking forward to a busy and fun-filled year of learning ahead.

Below is some information about what we will be covering in Year 5 this half term:

General Information

Please check with your child that their pencil case contains the following: pencil, eraser, blue ballpoint pen (not a fountain/ink pen), glue stick (not coloured), sharpener, coloured pencils, felt tips, highlighters (green, blue and yellow) and a whiteboard pen (black or blue). We would really appreciate it if you could send in a box of tissues and some kitchen towels for the classroom if you have not done so already.

Please remember that the only jewellery allowed are stud earrings and they must be removed on PE days. They must be removed at home, but children will be allowed to tape their own ears if they are unable to remove the earrings due to their ears being recently pierced.

RE

Our topic this half term is, 'Beginning with the Church'. In this topic, we will explain the metaphor the 'Body of Christ' for the Church and identify the seven sacraments of the Catholic faith. We will also explain the purpose of each sacrament in the life of the Catholic church. In addition, we will use specialist religious vocabulary to show knowledge and understanding of the religious actions and signs involved in the celebration of Confirmation. We will also make links between some of the miraculous signs in St John's Gospel and Christian beliefs about Jesus.

Key Vocabulary: initiation, healing, ritual, offertory, commitment, consecration, transubstantiation, epiclesis, Liturgy of the Word, Liturgy of the Eucharist

English

Our Power of Reading book this Half Term is 'Cosmic' by Frank Cottrell-Boyce. This is an adventure story that focuses on the life of Liam Digby, a very tall 12-year-old boy, who ends up in space.

We will be focusing on the following:

- Note writing in role as a character
- Composing an email from one character to another
- Forming a written argument
- Creating a visitor leaflet for a theme park

- Writing a message to a character in the story
- Poetry
- Features of a newspaper report

Reading Comprehension and Grammar/Spelling/Punctuation

We will have weekly grammar/punctuation lessons and work on using punctuation and grammar accurately in our writing across all subjects. We will focus on the Year 5 and 6 spelling words and have a weekly spelling dictation.

During our guided reading sessions, we will extend the children's vocabulary by discussing the meaning of unknown words and learn the skills needed to answer different types of comprehension questions.

Maths

In maths, we will be focusing on place value, addition and subtraction and will begin our unit on multiplication and division. There will be weekly maths homework and times table practice will be ongoing.

We will be focusing on the following:

- Place value
 - Numbers to 10,000
 - Rounding to 10, 100 and 1,000
 - Numbers to 100,000 (including comparing, ordering and rounding)
 - Numbers to 1,000,000 (including comparing, ordering and rounding)
 - Counting in 10s, 100s, 1000s, 10 000s and 100 000s
 - Roman numerals
- Addition and subtraction
 - Column addition
 - Column subtraction
 - Estimation
 - Inverse Operations
 - Multi-step addition and subtraction problems
- Multiplication and Division
 - Multiples and common multiples
 - Factors and common factors
 - Prime, square and cube numbers

Science

Our topic this half term is 'Earth and Space'. Children will be learning about:

- Spherical bodies
- The planets

- ~ Geocentric vs heliocentric
- ~ Day and night
- ~ The movement of the moon

History

We will complete the unit from Year 4 on **Cordoba: the city of light.**

The Round City: Baghdad – in this unit we will learn about the building of Baghdad and why the location was the perfect place in the Islamic world. We will also learn about Baghdad as the city of books and learning, and how maths, astronomy and geography were instrumental in learning about the world. We will explore how Muslim scholars developed science and technology ideas.

Geography

We will complete the unit from Year 4 on **Deserts.**

Why is California so thirsty? In this unit we will explore the importance of water and where our drinking water comes from. We will focus on California, where there is not enough water and the reason for this. This topic also explores how farmers can get water from somewhere else when there is not enough. In addition, we will learn about almond farming in California and the problems that arise because of this. We will also learn about the importance of the California Aqueduct.

Art

This half term we will be investigating self-portraits by a range of artists, we will be creating portraits using continuous line drawing, poetry and mixed media. The children will outline a portrait drawing with words, varying the size, shape and placement of words. Finally, the children will take ownership of their work by choosing different materials to create their background e.g. tissue paper, paint, watercolours and pencil.

Computing

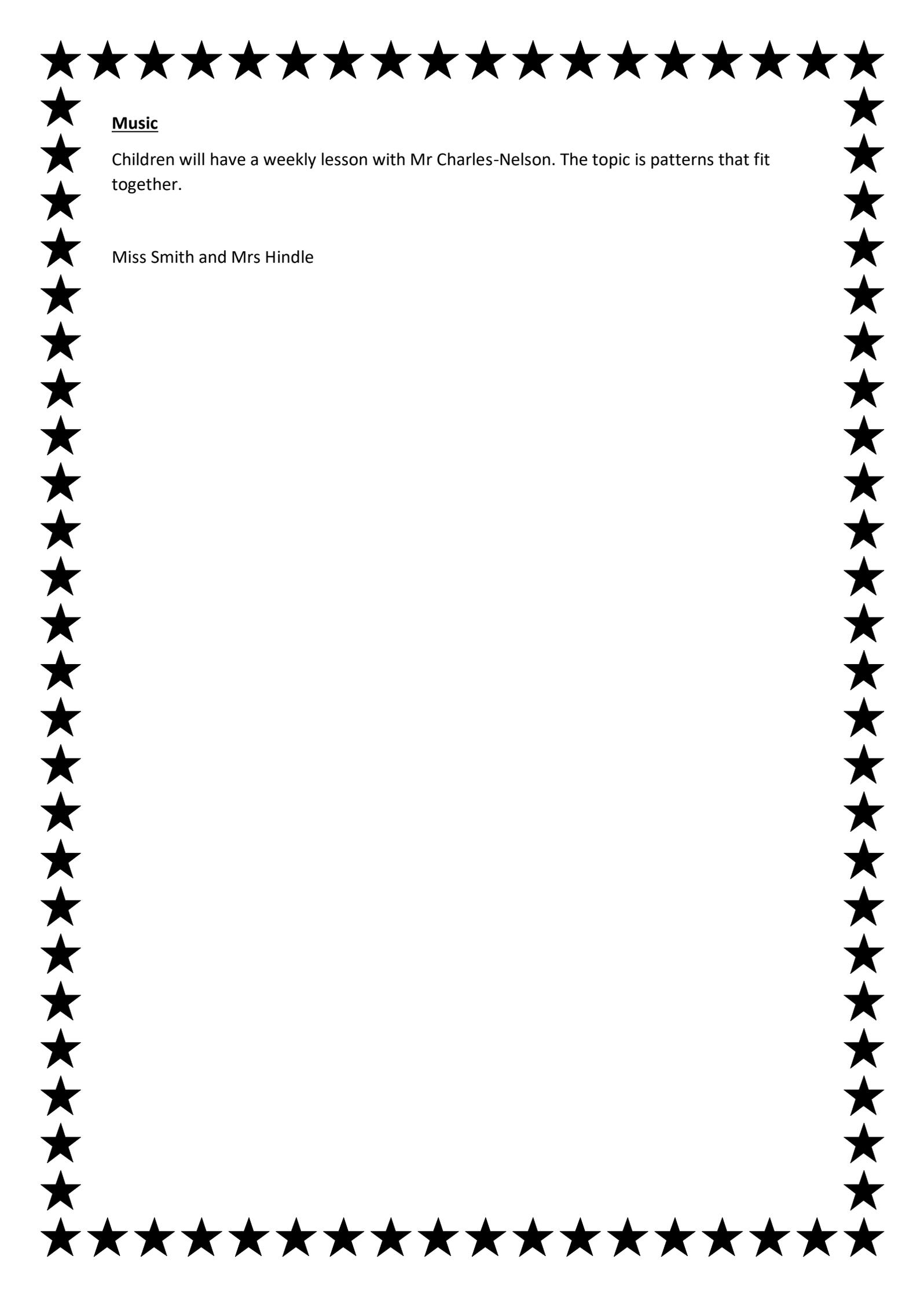
E-safety – we will be focusing on social media and its effects. We will also learn about staying safe online and age restrictions on particular apps. The children will create a game using Scratch in our topic, 'We are game developers'.

PE/Games

We will be focusing on gymnastics for indoor PE and invasion hockey in outdoor PE. Please make sure that children come to school wearing the school PE kit (green t-shirt and shorts, trainers) on Wednesdays and Fridays. In cold weather, green jogging bottoms may also be worn.

French

Children will have a weekly half hour lesson.



Music

Children will have a weekly lesson with Mr Charles-Nelson. The topic is patterns that fit together.

Miss Smith and Mrs Hindle