



Pythagoras and Music (Πυθαγόρας και Μουσική)

Introduction

Leicester Greek School proudly announces its collaboration with the British Science Association (BSA) for the second consecutive year! Our school will participate again in the National Science and Engineering Week organised by the BSA in March (13th to 22nd March). There is more info on British Science Week here - <http://britishscienceweek.org/>

This is a great opportunity for our school as it will enable the children to engage with Science in an exciting and creative way. As a Greek school we decided to link Science to the Greek language and culture. Hence, we came up with a project entitled “Pythagoras and Music” which entails Music, Electricity, Physics and of course, Greek!

Important information

Our school will carry out activities on *Saturday, the 21st of March*. All children will participate *free of charge*. The activities will be led by two specialists, Ms Popi Charitaki, an Early Years practitioner, musician and owner of “Music Steps Limited” and Dr Neophytos Lophitis, an electrical engineer and research associate in Power at the University of Cambridge. *Your presence is required at the school at 2:50* as the day will end with a musical event and the students presenting their work and their crafts.

Additional information: getting the idea and the general aim of the project

Our Greek school aims to teach children and young people not only the language but also the history and culture of their ancestors. Similarly, science education is continuously changing in ways that could assist not only a school population but also a wider community understand and appreciate its historical journey.

Based on the above, and bearing in mind that there is a plethora of ancient Greek scientists, we decided to focus our activities on one of the most famous, Pythagoras. Pythagoras associated Maths to Music and the laws of the Universe and this is mainly what we intend to do as well. Music will make the project more enjoyable, hence passing the message to the students that science can be fun! Vice versa, by the end of the project we also hope for our students to realise that music is a form of arts with scientific roots. In addition, from within the activities, the Greek language will also be associated with science as many words that will be used have Greek origins (i.e. Maths – Μαθηματικά, Music – Μουσική, chords – χορδές, melody – μελωδία, orchestra – ορχήστρα, electricity – ηλεκτρισμός, battery – μπαταρία etc.). Finally, the older students will also experience the joy of creating their own electricity board game with questions relevant to Pythagoras, Music and the Greek language.