

## TASC Talk Sept 2017

Our September 2017 talk was presented by one of the science clubs members, Mr John Foggitt. His talk was entitled "Number, Shapes, Colours and Sounds" where he showed us how numbers are involved in many aspects of our life experiences.

He explained and demonstrated how colours are perceived by the human eye and how these colours could be generated by red, green and blue pixels by a TV screen or computer monitor, and the way that by altering the ratio of red, green and blue fools the eye into seeing a beautiful vivid scene on these devices. Similarly with regards to sounds John talked about how sounds are stored and reproduced digitally on CDs and DVDs. And lastly he showed us how some beautiful shapes could be created just by utilising the power of the computer to manipulate numbers within simple algorithms within a graph like environment.