

Creation Disco Days Autumn 2010

Days of creativity, discovery and fun for KS2
at Rochester Cathedral

Friday 15th Jan, Friday 22nd Jan & Friday 29th Jan
09.55 - 14.30 - science / maths Creation Disco Days

Throughout the day your pupils will be engaged in all the following activities:

- ❖ **Light** - We take electric light for granted today but how did people manage in medieval times? Light is also used to measure time - both these aspects and much more are explored in this practical workshop.
- ❖ **Sound** - Does a large instrument make a high or a low sound? Can we make our own musical instrument? What does it feel like to make a musical sound in a big space? This workshop is reinforced by the organ demonstration at the end of the day.
- ❖ **Structure** - Even in 20th century some cathedrals took over 50 years to build! This guided tour looks at the physics of such a building and examines the materials used.
- ❖ **Tessellation*** - The medieval tiled floors are excellent examples of tessellation. Using shape kits groups of pupils will devise their own tessellation patterns in an authentic surrounding.
- ❖ **Maths quiz** - There is more than one way to solve many problems - the children will start to think, talk and experience maths in the real world.

**These activities produce work which can be taken back to school.*

Each day will conclude with "Extreme Organ" a chance to meet and talk to a cathedral organist and hear the organ in all its glory.

Places are limited to 5 classes per day, book early to avoid disappointment!

Cost - £3.75 per pupil. No charge for accompanying adults.

(The cost includes free use of indoor lunch space)

To apply for places please call Helen on 01634 810066 or email

assistofficer@rochestercathedral.org

What the teachers thought - comments taken from evaluation sheets:

"The children learnt a great deal - will take away memories which can be used in the classroom."

"Perfect for revising science topics."

"A brilliant day - thank-you!"

"Thank you so much for your kindness and hospitality."

"Excellent value for money."

"The day was very well organised."

"Very visual and hands on."

"Please let us come again!"

"The staff who led the workshops were wonderful. They were lively and encouraging at all times...they delivered the learning content in a very thoughtful way. The children were engaged in and excited by the workshops throughout. Well done, a fantastic day."