



Keskowethyans
Multi Academy Trust

Date Reviewed by the Committee	09.03.15
Date Adopted by The Board	27.04.15
To be reviewed next	
Signed by Chair	

SCIENCE POLICY

Date policy sent to	Date
Secretaries	
Lead Teachers	
Chairs of LGBs	
GS for Website	
Relevant other ie Safeguarding Director/Subject Co-ordinator	

AIMS

Encourage an understanding and enjoyment of all aspects of Science through the use of:

- a variety of teaching styles and educational stimuli including Information Technology
- an emphasis of applying scientific studies to applications and effects within the real world
- developing a knowledge and appreciation of the contribution made by famous scientists to our knowledge of the world including scientists from different cultures
- the creation of a relaxed atmosphere fostered by the teachers' own enthusiasm for a positive attitude towards Science

Develop children's confidence in their own ability and foster a sense of success through:

- a planned range of investigations and practical activities to give pupils a greater understanding of the concepts and knowledge of science
- a positive marking policy which encourages individuals and allows them to share good experiences with their peers

Success Criteria:

- the learning objective is displayed on the board and shared with the children
- children will be involved in self-assessment to gauge their levels of achievement

Develop powers of logical reasoning, enquiry and divergent thinking through:

- sensitive and open-ended questioning
- the encouragement of discussion
- the use of investigative work

Develop an attitude which leads to self-motivated and independent learning:

- the building of confidence and a sense of success
- staff expectations and appropriate classroom management
- appropriate intervention and support

OBJECTIVES

Children should:

- be introduced to the language and vocabulary of science
- be able to use IT in an appropriate scientific context
- be encouraged to lead and promote a 'healthy lifestyle'
- be encouraged to develop a sense of enquiry which encourages them to question and make suggestions
- be encouraged to predict the likely outcome of their investigations and practical activities
- carry out and evaluate simple scientific investigations and appreciate the meaning of a 'fair test'.
- be taught to use scientific equipment safely during practical activities
- carry out practical activities using measuring instruments accurately
- be encouraged to foster good work habits
- develop a positive attitude to Science
- be encouraged to use a scientific, practical approach to problem solving

Children should experience a wide and varied range of scientific experiences and activities. These experiences and activities, which are offered on the basis of equal access regardless of gender or culture, will include:

- demonstration, explanation and instruction by the teacher to groups, individuals and the whole class
- whole class and group discussions
- practical activities to provide meaningful context
- practical activities to consolidate skills
- open ended investigational activities involving problem solving and the application of scientific knowledge and skills

