GOOD SCIENCE . . . FULL OF AWE AND WONDER PUSHES BOUNDARIES AND NURTURES THINKING MINDS A JOY OF DISCOVERY AN EVIDENCE BASED WAY OF UNDERSTANDING THE WORLD ENQUIRY TO ANSWER QUESTIONS ENGAGING

QUESTIONING TESTING AND INVESTIGATING THEIR IDEAS HAVING THE CONFIDENCE TO USE APPROPRIATE EQUIPMENT AND VOCABULARY THAT SCIENCE MATTERS

TALK-INDUCING PRACTICAL CONTINUES AT HOME AND IN OTHER CURRICULAR AREAS MEMORABLE SKILLS-BASED INSPIRING YOUNG PEOPLE TO BE GREAT AT NOTICING

GOOD SCIENCE IN PRIMARY SCHOOL

LEARNING • TEACHING • LEADING

SCIENCE LEADERS

- UNDERSTANDING SCIENTIFIC ENQUIRY-BASED APPROACHES AND THE BIG IDEAS
- KEEPING UP TO DATE WITH NEW IDEAS, CLEAR ABOUT NEW CURRICULUM
- CONFIDENTLY GUIDING OTHERS. MENTORING AND COACHING, PLANNING AND TEACHING TOGETHER
- SUPPORTING TEACHERS TO USE ASSESSMENT TO ENSURE ALL CHILDREN MAKE GOOD PROGRESS
- UNDERTAKING CPD, LEADERSHIP TRAINING AND NETWORKING
- KNOWING HOW CHILDREN LEARN SCIENCE. UNDERSTANDING THE CURRICULUM

TEACHERS

- GIVING CHILDREN THE CORRECT SCIENTIFIC VOCABULARY TO EXPRESS THEIR UNDERSTANDING
- USING ASSESSMENT FOR LEARNING
- USING A RANGE OF WAYS OF EXPLORING DIFFERENT CONTENT
- UNDERSTANDING HOW CHILDREN LEARN
- GIVING TIME TO LEARNING SCIENCE

SENIOR LEADERSHIP TEAM

- ENTHUSIASTIC TEACHERS ORGANISING SCIENCE FESTIVALS
- HAVING A SHARED UNDERSTANDING OF THE PURPOSE OF SCIENCE EDUCATION
- KNOWING THE ATTITUDES AND SKILLS THE SCHOOL WANTS YOUNG PEOPLE TO OWN

GOVERNORS

- ENSURING SCIENCE HAS A VOICE ON THE GOVERNING BODY

CHILDREN

- WORKING TOGETHER
- BEING CURIOUS, ASKING QUESTIONS
- PLANNING
- INTELLECTUAL CHALLENGE, RISK TAKING AND SPECULATION
- DEVELOPING A RANGE OF SCIENTIFIC SKILLS
- ACTIVE LEARNING, NOTICING, ENQUIRING, EXPLORING AND TESTING IDEAS
- PROBLEM SOLVING. HANDS-ON EXPLORATION
- ENGAGING IN PRACTICAL ACTIVITIES. OBSERVING AND MEASURING
- LEARNING SKILLS AND CONTENT
- FINDING OUT ABOUT THEIR UNIVERSE
- OPPORTUNITIES FOR CHILDREN TO EXPLORE THEIR IDEAS & QUESTIONS
- REFLECTING ON LEARNING, DRAWING AND TALKING

PARENTS

- USING A WIDE RANGE OF RESOURCES FROM PARENTS AND THE COMMUNITY
- ATTENDING SCIENCE CLUBS AND CARRYING ON ACTIVITIES AT HOME

TEACHERS · CHILDREN · PARENTS · GOVERNORS · SCIENCE LEADERS · SENIOR LEADERSHIP TEAM · SENCO · TEACHING ASSISTANTS · SECONDARY PUPILS

UNDERSTANDING THE ROLE OF SCIENCE IN THEIR LIVES KINDLING CURIOSITY AND EXPLORING FURTHER GIRLS AND BOYS THINKING IT IS FOR THEM UNDERSTANDING THAT YOU CAN BE CURIOUS FINDING OUT THINGS ABOUT THE WORLD AROUND THEM

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