

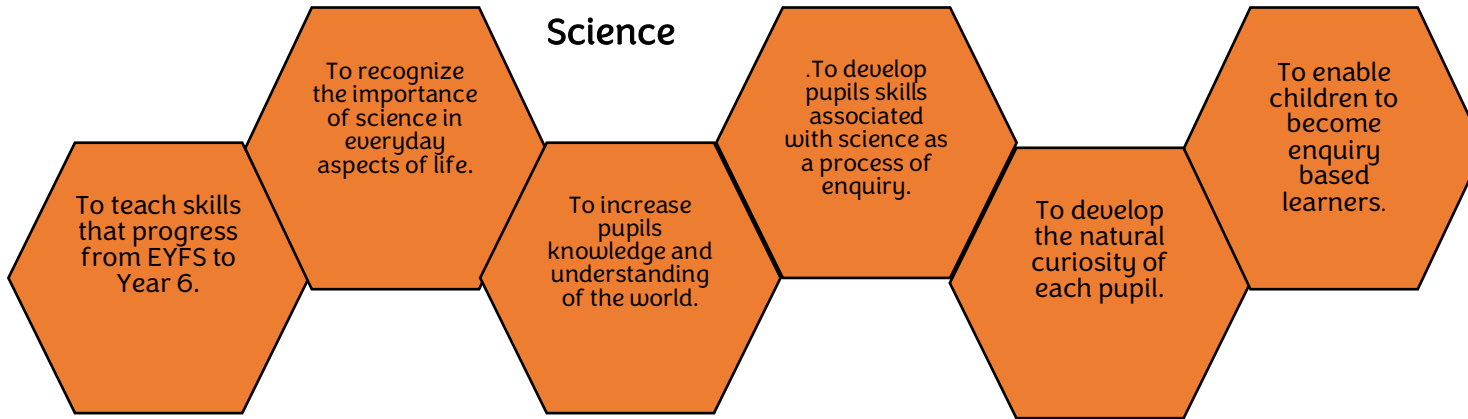


INTENT— we aim to ...



IMPLEMENTATION—How do we achieve our IN-

Science



Planning

Science is planned using the National Curriculum, alongside the supporting documents PLAN and TAPS. Planning ensures progressions across the school from EYFS to Year 6. Children are taught topics in year groups: all children are given the opportunity to investigate (working scientifically) in each topic. Scientific vocabulary is explicitly taught and pupils are encouraged to work collaboratively, explaining their thinking verbally, cultivating reasoning and justification.

EYFS

Our children's journey in science starts in EYFS which is why our progression document starts here. Science at Foundation Stage is covered in the 'Understanding of the World' area of the EYFS curriculum. It is introduced through activities that encourage every child to explore, problem solve, observe, predict, think, make decisions and talk about the world around the. EYFS also follow the PLAN progression document and TAPS working scientifically investigations.

SEND

Our children with SEND access the science curriculum through careful teacher assessment. Lessons are carefully planned and resources to enable all children to access their learning at an appropriate level, helping them to engage and be challenged. Children are supported in a variety of ways e.g. Teaching Assistants, Talk Partners, scaffolds.

Assessment

At the beginning of each topic teachers assess recall of prior knowledge through discussions, low stakes, quizzes, odd one out etc... After each topic is taught teachers assess recall of new knowledge. TAPS investigations are used to assess working scientifically. At the end of each term teachers fill out a summative assessment tracker using their professional judgement based on oral and written responses.

Values:

Honesty: We believe that honesty is the foundation for trust in our relationships. We are brave and admit when we have made a mistake. We are reliable and responsible for our own actions.

Courage: We are brave and take chances. We develop resilience to keep going even when things are hard. We face our fears, and we are not afraid to learn from our mistakes.

Friendship: We value our friendships and believe that together we can support one another to flourish. We do not judge we accept everyone for who they are.

Respect: We are respectful by treating others how we wish to be treated—we use our manners, we are thoughtful, kind and celebrate our similarities and differences.

IMPACT—How do we know if we've achieved our INTENT?

