

Stretch and Challenge

- Inclusive high quality teaching
- Next step challenges
- Deeper questioning
- Open ended challenges
- Green pen extensions
- Big Questions to encourage deeper thinking
- Scientific and key vocabulary on displays

Resilience

- Growth Mindset
- Green pen challenge
- Pupil Voice
- Fun and engaging activities
- Differentiated resources
- Big Questions
- Autonomy during experiments

Independence

- Independent work in books
- Self assessment
- 3 before me
- Interactive displays
- Key vocabulary modelled for children to use in their responses

Unique

- Reflection time
- Autonomy during experiments
- Children lead their own investigations

Questioning, Communication and observation

- Peer Assessment
- Self-Assessment
- Talk partners
- Sentence Stems
- Answering questions in full sentences
- Key vocabulary on working wall
- Big Questions

Confidence

- Secure concept understanding
- Challenging misconceptions
- Expressing opinions
- Peer Assessment
- Evaluating their skills post experiment
- Ongoing formative assessment
- Knowledge retrieval quizzing

Diversity

- Science accessible to all
- Variety of rich learning opportunities
- Lessons designed to engage each individual
- Link to overall topic to make learning purposeful
- Displays celebrating the diversity of science

First Hand Experiences

- Local school visits/enrichment
- Learning through stories
- Science club
- British science week
- Mid Sussex science week
- Role model week
- Science visitor assemblies

Prior Learning

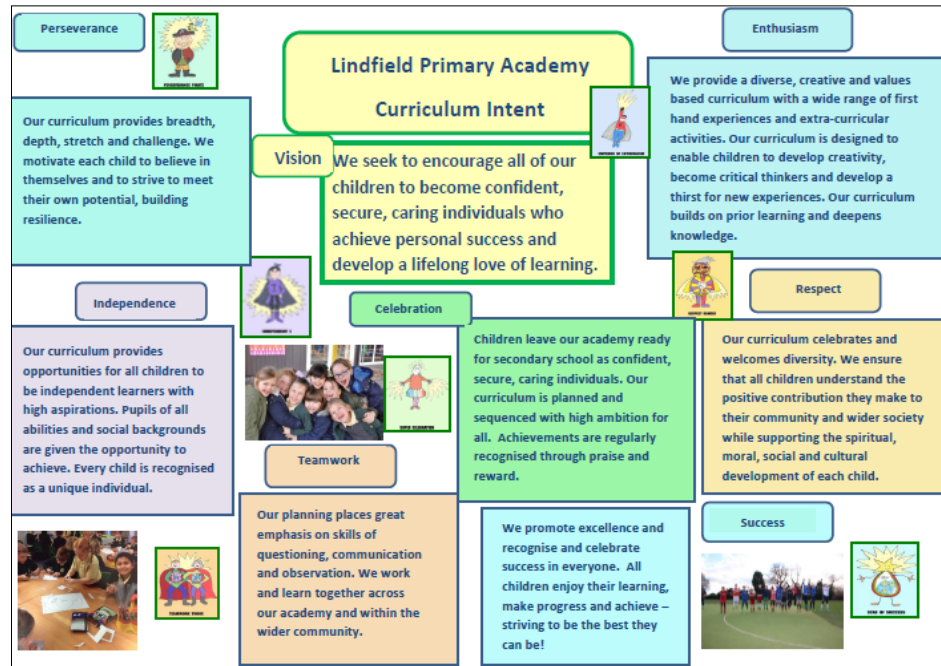
- Sonar analysis
- Knowledge organisers
- Progression of skills document
- Key vocabulary document which builds on previous learning
- Children making their own knowledge organisers
- KWL grids

Celebrate

- Wow work
- House points
- Certificates
- Celebration stickers
- Poster competition (British science week)

Learn Together

- Mixed ability pairs
- Group investigations
- Collaboration when working scientifically
- Science club
- Mixed year group enrichment days (space day/planetarium visit)



Contribution to Community and Wider Society

- Science club
- Visits to local schools for enrichment
- Role Model week
- To promote children's curiosity of the world around them
- Encouraging the use of enriching vocabulary to support their understanding of the world around them

Science