



# Science at Oak Hill Academy West London

an Aspirations Academy

## Intent

At OHA, our vision for the Science curriculum is focused on our students broadening their knowledge and developing a deeper understanding of the world around them. This involves having exciting, practical, hands-on experiences which encourages children's curiosity towards a variety of Science topics within the curriculum. This will be done by: exploring, discussing, testing and developing ideas about everyday phenomena and relationships between living things and environments. Children are provided with an environment where they can work using a range of investigative styles and can communicate their findings in a variety of ways. Students will be encouraged to ask questions about content covered and be given the opportunity to conduct practical experiments while being encouraged to make predictions about how things will behave. Through our No Limits curriculum, the children will be given the opportunity to apply their Scientific skills and understanding enabling them to obtain a deeper understanding of Biology, Chemistry and Physics.



## Implementation

- Ensure children are receiving quality first teaching consistently in all Science lessons.
- Provide staff with detailed assessment frameworks to support and standardize assessment judgments.
- Ensure the same standard of provision is provided for all Science topics in all year groups.
- Ensure Feedback is of a high standard, promotes progress and gives opportunities for all types of learners.
- Hook lessons/ activities in place to engage all learners.
- Encourage cross-curricular learning across the year to maximize engagement and also provide a clear context for the learning.
- Build a fluency across the curriculum, enabling children to recognize patterns and sequences and encourage depth of learning.
- Involve parents in children's learning through enrichment homework.



## Impact

- Higher percentage of children at Age Related Expectations or above
- Gaps closed for Disadvantaged children
- Greater Depth opportunities in lessons and books
- Higher percentage of children reaching Greater Depth
- Evidence of high quality provision for all learners in Learning Logs
- Positive Pupil Voice
- Evidence of practical investigations
- Reading skills being applied during Science lessons

