



EYFS Understanding the World – National Curriculum Link Computing

At Westfield we value the importance of teaching the concept of ‘Understanding the World’ to enable children to make sense of and celebrate our world and our communities.

We believe developing understanding of the world through high quality teaching and planning of first-hand experiences and opportunities will be a building block to children’s success.

We aim to instil a love of learning about our world, ensuring children celebrate and respect differences within cultures and communities, and show an understanding and care for our natural world and changes that occur within it.

Even though there is nor explicit link to computing within the development matters we believe this is still an essential part of the teaching at Westfield.

Our outstanding practice at Westfield aims to create rich, authentic experiences through visits, books and high-quality teaching to ensure children have an exceptional knowledge and understanding of our diverse world.

We aim to meet the requirement of the EYFS (2021) curriculum and believe that:

- *Understanding the world involves guiding children to make sense of their physical world and their community.*
- *The frequency and range of children’s personal experiences increases their knowledge and sense of the world around them*
- By listening to a broad selection of stories, non-fiction, rhymes and poems will foster their understanding of our culturally, socially, technologically and ecologically diverse world; helps them to make sense of the world around them.
- By building important knowledge and extending their familiarity with words we believe we will support understanding across the strands and make important links with other areas of the curriculum.
- Understanding of the world will enrich and widen children’s vocabulary and support later reading comprehension.



Computing in The Early Years Foundation Phase

** Even though there is no explicit link to computing within the development matters we believe this is still an essential part of the teaching at Westfield.

Development Matters

Understanding the World

- I can identify objects that have similarities
 - I can find patterns in groups of objects and sort them accordingly
 - I can explain the similarities between groups of objects
 - Algorithm -Steps of growing plants
 - Logic -reason their choices based on what they know about plants / use logic to justify their choices
 - Algorithms -Think about the order of steps in a sequence / create and follow sequences.
 - Patterns -recognise patterns when creating tunes / recognise patterns similarities/differences
 - Abstraction -The children will be selecting only the important information (items)
 - Sequencing -sequence parts of a story
 - Control -children to `program` a device
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- I can name some jobs
 - I can match technology to some jobs
 - I can say what technology is used in some jobs
 - Algorithms -Children learn to sequence algorithm that describes a butterfly lifecycle / creating and recalling sequences / Children learn to sequence instructions
 - Decomposition -labelling the parts of the cycle

- Evaluation -Articulate simple judgements based on reasoning -I think this one is taller because...
- Logic -Use logical reasoning to predict / Use logical reasoning to justify their judgements / Use what they know about castles to build a model
- Data – Collect facts or numbers and analyse information.
- Evaluation -make decisions based on what they know.
- Tinkering -try out different methods of building
- Collaborating -try out different methods of working together -eg taking turns
- Patterns -spot pattern in the story, use repetition in retelling the story / recognise repeating patterns and predict the next pattern in the series
- Collaborating -try out different methods of working together -eg taking turns
- Creating -create their own design incorporating repeating pattern

IMPLEMENTATION

- Computing specialist has planned a bespoke curriculum package that can be taught across two terms to provide children with the basic skills in nursery and reception.
- Provision for Understanding the world is catered for daily in our classroom across the areas of continuous provision.
- Quality role play areas, to build on first-hand experiences and represent our world and community and where IT is used.
- Carefully planned activities to learn and extend specific knowledge linked to the Understanding the World curriculum.