



## SEND Provision Report: Science – Primary Curriculum

### Larkspur Community Primary School – Supporting SEND Learners in Science

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#### Learning

At Larkspur, we recognise that science is a core area of development for all pupils, including those with SEND. Our science curriculum is inclusive by design and ensures that all pupils:

- Access to varied learning resources throughout a lesson which engage all types of learner.
- Experience a personalised approach through differentiated tasks and scaffolded instruction.
- Receive multi-sensory input where needed, using strategies such as visual prompts, auditory supports, and kinaesthetic activities.
- Are taught in small, manageable steps with regular opportunities for repetition, rehearsal, and overlearning.
- Develop science knowledge and scientific skills at their own pace, using tailored learning objectives aligned with EHCPs or individual support plans.
- Wherever possible the children are provided with hand on learning opportunities.
- To allow children to revisit their knowledge and further embed their skills they have learned, the curriculum is planned so topics are revisited across year groups – this provides an opportunity for children to approach topics with confidence from their prior knowledge.
- Support Plans or EHCP targets are considered and adhered to in lessons.

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#### Support and Resources

We provide a wide range of targeted support and resources to help SEND learners access and succeed in science:

- In-class support from teachers/TAs working with children 1:1 or in small groups where needed.



- Various teaching strategies - visual, tactile, auditory and kinaesthetic approaches are used.
- A range of visual aids to support learning.
- Hands on activities and experiments to engage students and make learning more accessible.
- Use of resources such as 'Explorify' to aid visual learning and promote scientific discussion for all the access.
- Offer alternative methods to written recording, such as drawing, scribing, word processing, and digital images, to allow students to demonstrate their knowledge in a way that suits their strengths.
- Provide clear and concise instructions, pre-teaching vocabulary, and scaffolding strategies like sentence stems to support understanding and participation.
- Utilize diverse sources, including auditory materials like speeches and songs, to engage students with different senses.
- Work closely with the SENCO, teaching assistants, and other professionals to develop individualized support plans and strategies.

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## Assessment Arrangements

We use flexible and inclusive assessment methods to ensure all SEND pupils can demonstrate progress in Science:

- Formative assessments (teacher observations, questioning and discussions) are used regularly to adjust planning and support accordingly.
- Summative assessments are adapted where necessary, with the use of:
  - Readers or scribes.
  - Additional time.
- Periodic assessment involves using a wide range of evidence from various stages of learning to make judgements about a pupil's progress over time.

## Extra-Curricular Opportunities

We strive to make Science enrichment activities accessible to all pupils, including those with SEND:



- Pupils to access outdoor learning opportunities in science – they begin with familiar surroundings in the school grounds then branch out into our immediate community then into the local area. Appropriate adult support will be provided to allow pupils to use their curiosity to explore safely and with confidence.
- School trips and visits provide real life experiences that ignite students interest in science. Ensure trips are accessible for all students e.g. clear instructions and visual aids.
- Enrichment activities give children opportunities to delve deeper into topics beyond the curriculum, fostering a love of science – e.g. guest workshops, collaborating with local scientists. Activities will be made accessible to all send pupils.

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## Experiences

We provide meaningful and inclusive science learning experiences that enrich the curriculum for all learners:

- Visits from scientists/science workshops – events are planned with SEND needs in mind.
- Children with SEND are supported to attend visits for the purpose of science – museums (Discovery Museum, Centre for Life, etc.), nature parks, etc.
- Multisensory experiences are incorporated into science learning to support engagement and retention.
- Pupils who require more structured or supported environments are offered adapted experiences and pre-teaching.

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## Accessibility

We ensure the science curriculum is accessible for all learners through:

- Adapted resources, including simplified texts, symbol-supported texts (visuals), and videos.



- Visual timetables and Now/Next boards to support understanding of lesson structure.
- Communication-friendly classrooms, with clear routines, chunked instructions, and reduced visual/auditory overload.
- Ongoing staff training in inclusive science teaching, speech and language development, and supporting pupils with specific difficulties (e.g., ASD, ADHD).