



The Creative Learning Journey

0-5 Stage

Super Sparky Science

Wow Starter: Teachers in role as a scientist conducting an experiment.

Final Event: Science Day - Set up science activities that the children can teach to Year 1 and Year 2.

Teacher: MissAldis
School: Lionwood Infant & Nursery



PSED

Making relationships
- They take account of one another's ideas about how to organise their activity.

Managing feelings and behaviour
- They work as part of a group or class, and understand and follow the rules.

Self-confidence and self-awareness
- They are confident to speak in a familiar group, will talk about their ideas.

- They will choose the resources they need for their chosen activities.

Expressive Arts & Design

Exploring and using media and materials
- Explores the different sounds of instruments.
- Explores what happens when they mix colours.

- Experiments to create different textures.

Being imaginative
- Create simple representations of events, people and objects.

Physical Development

Moving and Handling
- Experiments with different ways of moving.
- Uses simple tools to effect changes to materials.
- Handles tools, objects, construction and malleable materials safely and with increasing control.
- Shows a preference for a dominant hand.
- Begins to form recognisable letters.

Health and self-care
- Eats a healthy range of foodstuffs and understands need for variety in food.

- Shows understanding of the need for safety when tackling new challenges, and considers and manages some risks.
- Shows understanding of how to transport and store equipment safely.
- Practices some appropriate safety measures without direct supervision.
- Children know the importance for good health of physical exercise, and a healthy diet.



Literacy

Reading
- Enjoys an increasing range of books.
- Knows that information can be retrieved from books and computers.
- Children read and understand simple sentences.

Writing
- Uses some clearly identifiable letters to communicate meaning, representing some sounds correctly and in sequence.

- Writes own name and other things such as labels, captions.
- Attempts to write short sentences in meaningful contexts.

Communication and Language

Listening and attention
- Maintains attention, concentrates and sits quietly during appropriate activity.
- Two-channelled attention - can listen and do for short span.
- They listen to stories, accurately anticipating key events and respond to what they hear with relevant comments, questions or actions.

Speaking
- Links statements and sticks to a main theme or intention.
- Uses talk to organise, sequence and clarify thinking, ideas, feelings and events.

Understanding
- Listens and responds to ideas expressed by others in conversation or discussion.

- They answer how and why questions about their experiences and in response to stories or events.

Mathematics

Numbers
- In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.
- Begins to identify own mathematical problems based on own interests and fascinations.
- Children count reliably with numbers from one to 20, place them in order.

Shape, space and measure
- Beginning to use mathematical names for solid 3D shapes and flat 2D shapes, and mathematical terms to describe shapes.

- Can describe their relative position such as behind or next to.
- Orders two items by weight or capacity.
- Uses familiar objects and common shapes to create and recreate patterns and build models.
- Uses everyday language related to time.
- Measures short periods of time in simple ways.

Understanding the world

People and communities
- Shows interest in different occupations and ways of life.

The world
- Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.
- Can talk about some of the things they have observed such as plants, animals, natural and found objects.
- Talks about why things happen and how things work.
- Developing an understanding of growth, decay and changes over time.
- Shows care and concern for living things and the environment.
- Looks closely at similarities, differences, patterns and change.
- Children know about similarities and differences in relation to places, objects, materials and living things.

Technology
- Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones.
- Knows that information can be retrieved from computers.

