



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

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

UNDERSTANDING THE WORLD

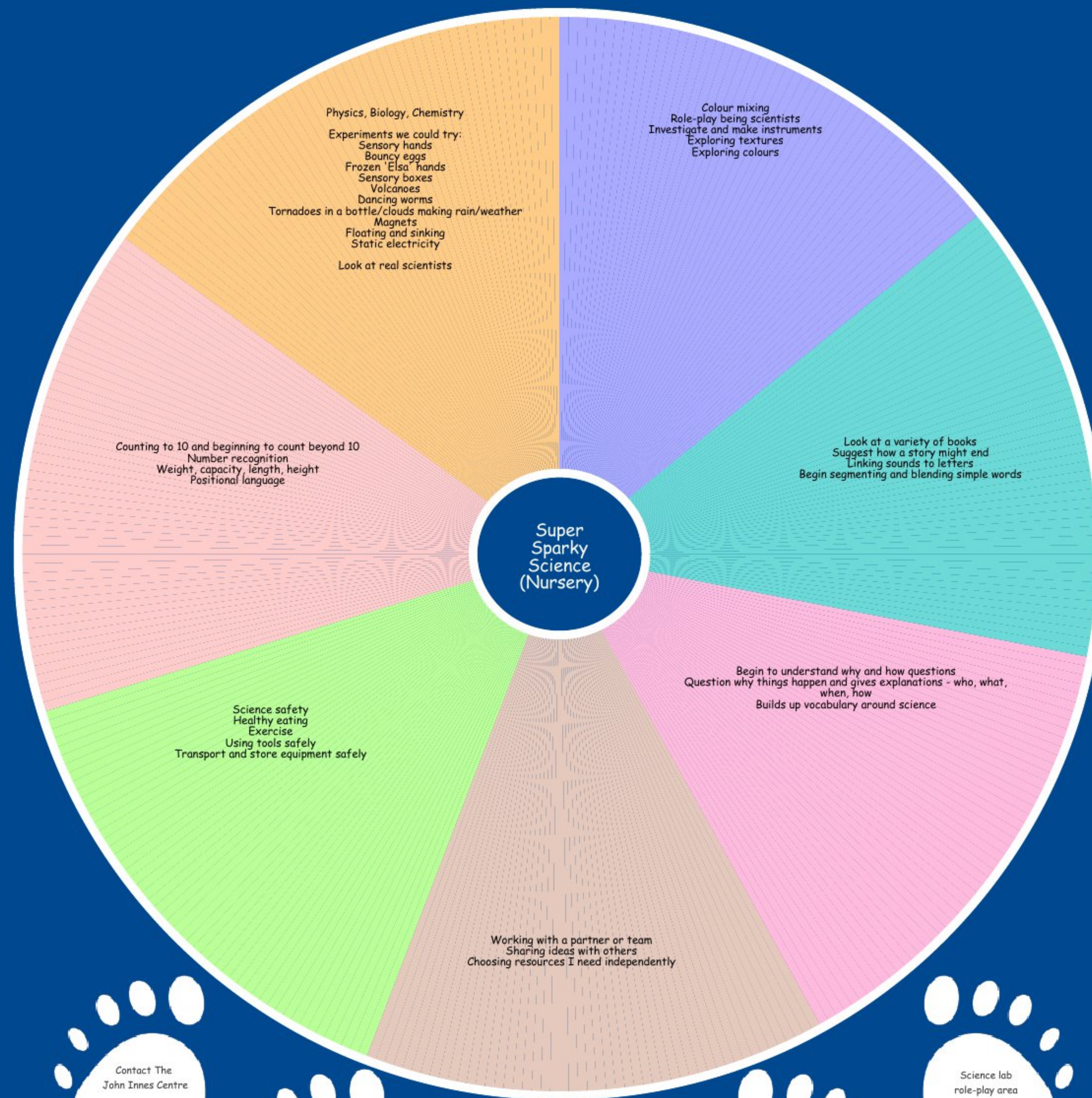
- People and communities 0-5**
- Shows interest in different occupations and ways of life.
- The world 0-5**
- Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.
 - Can talk about some of the things they have observed such as plants, 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.**
- The world 0-5**
- Looks closely at similarities, differences, patterns and change.
- Technology 0-5**
- 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

MATHEMATICS AND COMPUTING

- Numbers 0-5**
- Shows an interest in representing numbers.
- Numbers 0-5**
- Recognises numerals 1 to 5.
 - Counts up to three or four objects by saying one number name for each item.
 - Counts objects to 10, and beginning to count beyond 10.
 - Counts an irregular arrangement of up to ten objects.
- Finds the total number of items in two groups by counting all of them.**
- Shape, space and measure 0-5**
- Uses positional language.
- Shape, space and measure 0-5**
- Orders two or three items by length or height.
 - Orders two items by weight or capacity.

PHYSICAL EDUCATION

- Moving and Handling 0-5**
- Holds pencil near point between first two fingers and thumb and uses it with good control.
- Moving and Handling 0-5**
- Uses simple tools to effect changes to materials.
 - Shows a preference for a dominant hand.
 - Begins to form recognisable letters.
- Health and self-care 0-5**
- Observes the effects of activity on their bodies.
- Understands that equipment and tools have to be used safely.**
- Dresses with help, e.g. puts arms into open-fronted coat or shirt when held up, pulls up own trousers, and pulls up zipper once it is fastened at the bottom.
- Health and self-care 0-5**
- Eats a healthy range of foodstuffs and understands need for variety in food.
 - Shows some understanding that good practices with regard to exercise, eating, sleeping and hygiene can contribute to good health.



EXPRESSIVE ARTS AND DESIGN

- Exploring and using media and materials 0-5**
- Realises tools can be used for a purpose.
- Exploring and using media and materials 0-5**
- Explores the different sounds of instruments.
 - Explores what happens when they mix colours.
 - Experiments to create different textures.
 - Uses simple tools and techniques competently and appropriately.
- Being imaginative 0-5**
- Engages in imaginative role-play based on own first-hand experiences.
- Being imaginative 0-5**
- Create simple representations of events, people and objects.
 - Introduces a storyline or narrative into their play.
 - Plays alongside other children who are engaged in the same theme.

LITERACY

- Reading 0-5**
- Suggests how the story might end.
 - Describes main story settings, events and principal characters.
- Reading 0-5**
- Hears and says the initial sound in words.
 - Can segment the sounds in simple words and blend them together and knows which letters represent some of them.
- Links sounds to letters, naming and sounding the letters of the alphabet.**
- Describes main story settings, events and principal characters.
 - Enjoys an increasing range of books.
- Writing 0-5**
- Hears and says the initial sound in words.
 - Can segment the sounds in simple words and blend them together.
 - Links sounds to letters, naming and sounding the letters of the alphabet.

COMMUNICATION AND LANGUAGE

- Listening and attention 0-5**
- Is able to follow directions (if not intently focused on own choice of activity).
- Listening and attention 0-5**
- Maintains attention, concentrates and sits quietly during appropriate activity.
- Understanding 0-5**
- Shows understanding of prepositions such as under, on top, behind by carrying out an action or selecting correct picture.
 - Beginning to understand why and how questions.
- Understanding 0-5**
- Responds to instructions involving a two-part sequence.
- Speaking 0-5**
- Questions why things happen and gives explanations. Asks e.g. who, what, when, how.
 - Builds up vocabulary that reflects the breadth of their experiences.
- Speaking 0-5**
- Extends vocabulary, especially by grouping and naming, exploring the meaning and sounds of new words.
 - Uses language to imagine and recreate roles and experiences in play situations.

PSED & RELIGIOUS EDUCATION

- Making relationships 0-5**
- Keeps play going by responding to what others are saying or doing.
- Making relationships 0-5**
- Initiates conversations, attends to and takes account of what others say.
 - Explains own knowledge and understanding, and asks appropriate questions of others.
- Self-confidence and self-awareness 0-5**
- Welcomes and values praise for what they have done.
 - Enjoys responsibility of carrying out small tasks.
- Shows confidence in asking adults for help.**
- Managing feelings and behaviour 0-5**
- Can usually tolerate delay when needs are not immediately met, and understands wishes may not always be met.
- Managing feelings and behaviour 0-5**
- Understands that own actions affect other people, for example, becomes upset or tries to comfort another child when they realise they have upset them.
 - Aware of the boundaries set, and of behavioural expectations in the setting.