



## Learning Exploration: Are Mixtures Magic?

Through this Learning Exploration, children will be immersed in the sensory experience of making mixtures and concoctions, following both the children's interests as well as linking to traditional tales.



### Hook into learning:

- Potion making station.
- Visit from 'Sciencedipity' to explore science experiments and making bath bombs.
- Cooking and tasting linked to class texts.

## Journey through the exploration

Starting with the story Room on the Broom, the children will learn and innovate the story. When innovating, the children will swap the characters for different animals and think about what the different needs would be for each of those animals to customise the story.

The children will continue to explore mixtures using their imaginations to think of their own ingredients for a spell. For World Book Day, we have a WOW event with Sciencedipity visiting where we will compare the stories Room on the Broom with Ada Twist the Scientist.

We will then move on to traditional tales and mixtures in a different form. From The Little Red Hen, we will again learn and innovate the story to develop the children's story telling and sequencing. Making bread, and changing the ingredients in the mixture. Observing the change of the mixture as the bread cooks, we'll discuss if it's magic that makes this happen. We will record the process, creating simple drawing representations of what is happening.

In our adaptation of the story, our mixtures will become disgusting alongside the story The Disgusting Sandwich where the badgers sandwich goes on an unexpected journey. We will set up a germ experiment to see how disgusting a dirty sandwich gets once left.

For the final two weeks, our mixtures will come from the traditional tale of Goldilocks and The Three Bears with porridge mixing and tasting. Continuing to develop their story telling sequencing and language, we will map, learn and innovate the story including different foods and everyday household items.



# Parent/Carer Curriculum Information

## Reception



### Linked areas

Through this exploration, learning will be linked where appropriate, including in the following areas where experiences will allow children to:

#### Understanding the World

- Explore the natural world around them, noticing and understanding some important processes and changes.

#### Expressive Arts and Design

- Explore and play with a wide range of media, materials and food.

#### Physical Development

- Use cooking techniques such as: grating, mixing and kneading.

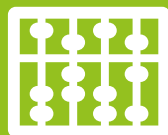
#### PSED

- Know which foods are healthy and not so healthy and can make healthy eating choices

### Maths

Children will explore:

- Counting on within 10.
- Comparing height
- Days of the week
- Measuring height
- Measuring time
- Representing and sorting 9 & 10.
- Ordering numerals to 10.
- Composition of 9 & 10.
- Counting back from 10.
- Comparing numbers within 10.
- Bonds of 10.
- 3D shapes
- Pattern



### Writing

#### Key texts to inspire our writing:

- Goldilocks and the Three Bears
- Little Red Hen
- Gruffalo
- Recipe books
- Potion Commotion
- Stone Soup
- The Disgusting Sandwich
- Spider Sandwich
- Revolting Recipe
- Room on The Broom
- Ada Twist the Scientist.

#### Guided Group Writing:

- Room on The Broom – imitate the story. Which animals would you make room for on your broom?
- Little Red Hen – imitate the story. What other food could the hen make? Where does this food come from?
- Goldilocks – imitate the story. What could Goldilocks be tasting? What else might she test in the house?

#### Writing opportunities within provision:

- Making maps of journeys
- Writing own recipes
- Writing shopping lists



# Parent/Carer Curriculum Information

## Reception

### Opportunities to build cultural capital

Cultural capital is the essential knowledge that pupils need to be educated citizens, introducing them to the best that has been thought and said, and helping to engender an appreciation of human creativity and achievement.

At NCSPA, we aim to build cultural capital through experiences such as trips, visitors, music and providing local links.

For Reception, options this term may include:

- Sciencedipity visit – Working as scientists, testing mixtures and making a bath bomb.



### Opportunities to address Equality, Diversity and Inclusion

Children will learn about some similarities and differences between themselves and others by comparing likes and dislikes.

Using the book 'Ada Twist Scientist', we will explore the discoveries of prominent female scientists such as Ada Lovelace and Marie Curie.

When immersing ourselves in the story of Little Red Hen, children will learn about different breads from around the world and where the ingredients come from.

### Opportunities for shared outcomes

Children will have the opportunity to produce or take part in one or more of the following:

- Movement to music – learning a song and creating own actions to accompany it.
- 'If Goldilocks Went to the House of the Bears.'



### Further curriculum information

If you would like any further information regarding the curriculum, please:

- Speak to Mrs Davies, Mrs King or Mrs Willson.
- See your child's class information on Seesaw.
- Contact Mrs Louisa Buttell (Curriculum Leader), through the school office.
- Visit the Curriculum pages on our website.

