

# Leintwardine Endowed CE Primary School Learning Journey Itinerary

‘Letting Our Light Shine’

SUBJECT : Science

YEAR : B

TERM : Summer 1

YEAR GROUPS : 1/2

**Key Question: Solid or Liquid?**

Previous Knowledge – We would expect children to already be able to:  
 have experience of ice in different forms – ice cubes, ice in winter, ice in the freezer, ice lollies etc.  
 have seen things melt in the past  
 know about the water cycle in very simple terms such as the Incy Wincy Spider nursery rhyme

### END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are <b>emerging</b> because they can:	Most children will show that they have reached the <b>expected</b> level because they can:	Some children will have gone beyond the expected level and will show that they are <b>exceeding</b> because they can:
identify solids and liquids know that ice can turn into water and water into ice know that the sun ‘dries up’ puddles without using the vocabulary of <b>evaporate</b> confidently.	correctly use the term ‘melting’ to describe what happens to ice cubes? talk about the factors that make ice melt more quickly correctly use the term ‘evaporation’ to describe what happens to puddles talk about factors that make evaporation occur faster use the term ‘waterproof’ correctly when talking about wax and understand why this is useful for certain forms of artwork use the term ‘waterproof’ correctly when talking about wax and understand why this is useful in creating waterproof clothes for wet weather	talk confidently about the difference in particle structures of solids and liquids and how these change as materials are heated/cooled, frozen/melted. know what it means to waterproof a material and know that wax is a useful material for this task because it can be melted easily.

### ASSESSMENT OPPORTUNITIES

Written work  
 Observations  
 Discussions

### ENRICHMENT OPPORTUNITIES

**Helping children to remember more**  
 Lots of hands on experience with ice and melting in the class tuff tray  
 Outdoor learning in our understanding of puddles  
 Drama of particle representations

### SUBJECT SPECIFIC VOCABULARY

Solid  
 Liquid  
 Gas  
 Melt  
 Freeze  
 Warm  
 Cool  
 Evaporate  
 Wax  
 Fabric  
 Waterproof

### CROSS-CURRICULAR LINKS

**Links that we can make to help children make sense of what we want them to know and be able to do.**  
 Science-weather  
 Geography/PSHCE – polar ice caps melting