Unit 6 Nursery Rhymes **Year 2** **Term 3**

Purpose of Unit

The purpose of this unit is to teach children the concept of winding mechanisms, building on previous knowledge of wheels and axles. The unit uses the context of nursery rhymes and the rhyme chosen can be adapted for particular class topic.

Key Skills

Literacy
Children will listen to nursery rhymes and represent them in a toy form. They will discuss how mechanisms work and will be introduced to appropriate vocabulary eg drum, axle, crank, winding, speed, mechanism, stable, and structure

Numeracy
Children will measure time using a stopwatch. They can use either comparative or standard measurements to measure axle and drum lengths and diameters.

ICT
Use a graphics package to produce their design

Pupils will

- Explore how to make winding mechanisims using construction kits and reclaimed materials
- Make their own toy using a winding mechanisim out of reclaimed materials
- Use drawings that are roughly in proportion.

Common Requirements

The following common requirements are particularly relevant to this unit : communication skills (representing a rhyme they have listened to in toy form)

Health and safety

No additional specific advice given for this topic over and above the need to offer general advice on safe tool use.