Newport Infant School— Design Technology

Topic: Winding Toy	Key Stage 1 Year 1	Strand: Mechanisms / Design, make and Evaluate

What should I already know?

- How to join materials.
- Some toys have moving parts.
- How to test and choose materials



What I will do by the end of the unit

Design	• Set design criteria: Suitable for a reception child, have a winding mechanism • Test and select materials for the hair and roof. • Draw and label design for a toy for a Reception child.
Make	• Paper-mâché tower • Cut and join roof • Plait hair • Make the winding mechanism
Evaluate	• Evaluate existing winding toys. • Check own product to see if it meets the design criteria. • Say what you like / what you would
Technical Knowledge	• The winding mechanism is made of an axel and a handle. • Winding mechanisms make the string longer and shorter.



Vocabulary	
axel	A rod that the string winds
design	A plan or drawing to show the look and parts of how the
design	A set of goals that the design
evaluate	Say what went well and what could be changed after design-
handle	A part that you hold to con-
join	A place where two or more
label	A piece of text that gives you information to explain what
material	Something that things can be
product	Something that has been made.
winding mechanism	The axel and the handle together, used to wind a string to