



All Saints CE Primary School and Nursery

Medium Term Planning



Class teacher: Lisa Edwards Year group: 6 Term: Summer 1 Subject: D.T.: Moving Toys

Lesson	SKILLS Based L.G.	Brief outline of lesson content (or where this can be found/unit found in, if for example it is a published scheme such as Science)	Key Vocabulary covered
1	L.G.: Investigate toys with moving cam mechanisms	Planbee lesson 1/ see adapted PowerPoint Sketch and annotate drawings of toys with cam mechanisms,	mechanical, mechanism, cam mechanism, linkage system, follower, movement
2	L.G.: investigate different types of cam mechanism	Planbee lesson 3/ see adapted PowerPoint Test different cam shapes and record movements	Follower, slide, crank, cam, rotary, linear movement, reciprocating motion, names of different cam shapes: eccentric, round, snail, hexagon, ellipse, egg-shaped
3	L.G.: design a moving toy with a cam mechanism	Planbee lesson 4/ see adapted PowerPoint Design a moving toy with a cam mechanism inspired by the film characters Make Cardboard Automata STEM Activity (sciencebuddies.org)	Design, measurements, purpose, audience, materials, tools
4	L.G.: follow a design to create a moving toy with a cam mechanism	Planbee lesson 5/ Hepp video in pack Use design to make the moving toy- support with safety when using tools	Use designs, tool techniques and safety, problem solve, adapt
5	L.G.: evaluate a finished design	Planbee lesson 6/ see adapted PowerPoint Evaluation scale/ questionnaire	Evaluate, worked well, change