

**English:** We will be writing to persuade in this unit. We will draw upon pamphlets and adverts as core texts.

**Our class read:**  
Pinocchio by Michael Morpurgo

**Our core text:**  
Adverts and pamphlets

**Maths:**

Y3: Fractions, Money & Time

Y4: Fractions, Decimals & Money

**Science:** Light, Forces & Magnets

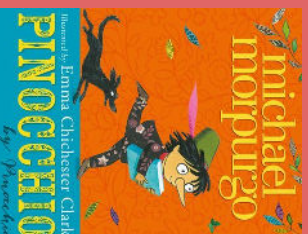
**RE:** Do Sikhs think it is important to share? This question focuses on the sharing and community RE theme.

**DT:** Mechanical systems: Linkages and levers and pneumatic systems

**PSHE:** SCARF Scheme: Being my best

**Computing:** Creating media - Desktop publishing. During this particular topic, children will be using and applying their skills to publish an advert.

**Art:** Sketching - experiment with line, tone and texture.



**Hook Day**  
Children to bring in their favourite toy and to watch Toy Story

**In this Science & DT topic we will learn about:**

How light is used and how we can see. We will also look at how shadows are formed. DT will be incorporated into this when we make shadow puppets.

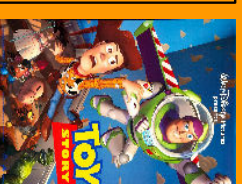
In forces and magnets, we look at how things move on different surfaces and then into how magnets can repel and attract each other. We will use our knowledge of forces to create a pneumatic toy in DT.

### Key Vocabulary

<b>forces</b>	Pushes or pulls.
<b>friction</b>	A <b>force</b> that acts between two <b>surfaces</b> or objects that are moving, or trying to move, across each other.
<b>surface</b>	The top layer of something.
<b>magnet</b>	An object which produces a <b>magnetic force</b> that pulls certain objects towards it.
<b>magnetic</b>	Objects which are <b>attracted</b> to a <b>magnet</b> are <b>magnetic</b> . Objects containing iron, nickel or cobalt metals are <b>magnetic</b> .
<b>poles</b>	North and south <b>poles</b> are found at different ends of a <b>magnet</b> .
<b>repel</b>	Repulsion is a <b>force</b> that pushes objects away. For example, when a north <b>pole</b> is placed near the north <b>pole</b> of another <b>magnet</b> , the two <b>poles</b> repel (push away from each other).
<b>attract</b>	Attraction is a <b>force</b> that pulls objects together. For example, when a north <b>pole</b> is placed near the south <b>pole</b> of another <b>magnet</b> , the two <b>poles</b> <b>attract</b> (pull together).

**How can we, as toy makers, utilise science to enthral and entertain?**

**Term 5: Year 3/4**  
**Fun and Excitement**  
**Toy Story 5?**



**Final Product:**  
Making toys using knowledge of light, forces and magnets: create short advert that is shared

TTRockstars,