

Pear Tree Community Junior School

	Autumn 1 8 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 6 weeks	Summer 2 7 weeks
Year 3	<p>Core Text: Magical Mr Edison – Andrew Melrose The King Who Banned the Dark Focus: Thomas Edison</p> <p>D&T: Make a shadow puppet (strengthen and stiffen) Note:</p>	<p>Core Text: Fair's Fair – Leon Garfield Focus: Victorians Forces and Magnets</p> <p>D&T: Sewing a sampler – different types of stitch Note: Needs a purpose</p>	<p>Core Text: The Last Bear – Hannah Gold Focus: Historical Skills/Local History, Arctic climate change, Animals</p> <p>D&T: Make a pair of mittens – running/blanket stitch Note:</p>	<p>Core Text: Fire, Flood, Cyclone – Jackie Wilson Focus: Criminals in Australia, Plants</p> <p>D&T: Build a bridge – design brief: carrying a certain weight for a certain length. Note: different bridges to be studied, given the same problems and access to materials they design, build, test, review</p>	<p>Core Text: Stone Age Boy – Satoshi Kitamura The Stolen Spear Focus: Stone Age, Rocks and Soils</p> <p>D&T: Stone Age Meal – Berry Stew Note:</p>	<p>Core Text: The Boy with the Bronze Axe - Kathleen Fidler The Giant's Causeway Focus: Bronze and Iron Age</p> <p>D&T: Design and Make Clay Pots Note: As long as it's made with purpose/audience – jewellery storage?</p>
Year 4	<p>Core Text: Escape to Pompeii – Christina Balit Focus: Romans, States of Matter</p> <p>D&T: Make a Model of a Trebuchet Note: lolly pop sticks, elastic bands and a bottle top Be clear how it is not/like a real one.</p>	<p>Core Text: Marcy and the Riddle of the Sphinx – Joe Todd Stanton Focus: Ancient Egyptians, Animals and Humans</p> <p>D&T: Make a model of a Shaduff (levers, gears and pulleys) Note:</p>	<p>Core Text: Ice Trap – Shackleton's Journey Focus: Explorers, Antarctica tourism pros/cons, Habitats</p> <p>D&T: Make a High Energy Food Bar Note: from a flapjack recipe - add fruits and seeds (no nuts) even treacle or honey, choc chips</p>	<p>Core Text: Hugo Cabret - Brian Selznick Focus: History of Film, France tourism, Electricity</p> <p>D&T: Make an Electric Wire Game – Electronic Note: What is the alarm? Light/sound etc</p>	<p>Core Text: The Firework Maker's Daughter – Phillip Pullman Focus: The Shang Dynasty, Sound</p> <p>D&T: Chinese Noodles - Cooking Note: Can we consider how to make it healthy?</p>	<p>Core Text: The Boy at the Back of the Class - Onjali Q Rauf Focus: Refugees, Syria desertification, Working Scientifically</p> <p>D&T: Make a Tote/Shoulder Bag for a Refugee Out of Recycled Material (rectangles)</p>
Year 5	<p>Core Text: The Jamie Drake Equation – Christopher Edge Focus: Space Race, Space</p>	<p>Core Text: Riddle of the Runes - Janina Ramirez Focus: Vikings and Anglo Saxon invasion, Forces and Working Scientifically</p>	<p>Core Text: When the Sky Falls – Phil Earle Focus: WWII, Forces and Working Scientifically</p>	<p>Core Text: Kensuke's Kingdom – Michael Morpurgo Focus: Japan earthquakes, WW2,</p>	<p>Core Text: The Lion Above the Door - Onjali Q Rauf Focus: British Empire, Mountains and India, Properties and changes of materials</p>	<p>Core Text: Brightstorm – Vashti Hardy Focus: Christopher Columbus, Living Things and their Habitats</p>

	<p>D&T: Mars Rover – mechanical and electrical Note:</p>	<p>D&T: Make toy out of recycled material - textiles. Note: Audience? Cutting out and shapes</p>	<p>D&T Make a Parachute-reinforcing. Note:</p>	<p>Forces and Working Scientifically</p> <p>D&T: Making a Wooden Vehicle – purpose to be decided - WW2 jeep, ambulance/troop moving? Note: wood, safe use of saws, strengthening and stiffening</p>	<p>D&T: Design and make a token from India using CAD/CAM (AIT eq – support needed) Note: If necessary, it would just be a design but aim for make</p>	<p>D&T: Cooking a Healthy Meal Note: Could we make it seasonal?</p>
Year 6	<p>Core Text: Who let the Gods Out? Focus: Ancient Greeks, Animals inc Humans</p> <p>D&T: Make a pulley system to move materials to the Parthenon – one or two system pulleys – chn perform. Note:</p>	<p>Core Text: Welcome to Nowhere - Elizabeth Laird Focus: EU, Slovakia Migration, Light</p> <p>D&T: Make a Slovakian Meal. Note: Seasonal/healthy/allergies</p>	<p>Core Text: The Explorer - Katherine Rundell Focus: Mayans, Rainforests Brazil, Adaptations</p> <p>D&T: Personalise a t-shirt to wear to carnival in Rio – research decorative options and styles. Note:</p>	<p>Core Text: The Highwayman Focus: Crime and Punishment, London Tourism, Electricity</p> <p>D&T: Make a Torch. Note: Audiences but likely SATs</p>	<p>Core Text: Holes - Louis Sachar Focus: Slavery, Electricity</p> <p>D&T: Make an American Meal. Note: Seasonality, allergies and cultural considerations SATS might interfere here.</p>	<p>Core Text: Children of Benin Kingdom Focus: Benin, Evolution and Inheritance</p> <p>D&T: Make a Costume, Prop or Background for the End of Year Production Note: Clear intent, audience</p>

D&T Overview 2023-2024: Plan, Make, Evaluate (Question, current solutions, design, make, evaluate) **EBI:** Seasonality, Audience, Sustainability