

DISCOVERERS STEAM CURRICULUM PLANNING

CYCLE A		Virtue Focus:	Aspiration & Kindness	Children's own questions from knowledge elicitation in addition to...	
Autumn 1 st Half		Enquiry Focus:	Explore and Ask	The Big Question: How do we keep our coasts safe?	
Science	National Curriculum: Materials (Y2): Compare the suitability of everyday materials. Make a waterproof coat for Mr Grinling (SOTSOG)			Purpose & Outcome: Children will: Design and make a pulley to lift a basket Plan and make a healthy sandwich for Mr Grinling	
Technology	Use the basic principles of a healthy and varied diet to prepare dishes. Prepare simple dishes safely and hygienically, without using a heat source. Know that everyone should eat at least five portions of fruit and vegetables every day. Make and design a healthy sandwich for Mr Grinling.			Key Topic Texts: Mr Grinling's Catastrophe Hello Lighthouse Picasso's Trousers Lifeboat crew member	
				Hook / Trip/ Visits & Visitors: <ul style="list-style-type: none"> Visit from RNLI: 7th October 	
Engineering	What is a Pulley? Understand and use mechanical systems in their products e.g. gears, pulleys Evaluate their ideas and products against design criteria Investigate, design and make a pulley system to carry a basket.			Equality Objective: Mary Anning Grace Darling	
				Humanities: Geog – Name and locate countries and capital cities on the UK, find Cornwall in relation to these places. RE – Who is a Muslim?	
Arts	ART: Make links to an artist to inspire their work Use experiences and ideas as the inspiration for artwork. Picasso's Trousers Text : Portrait Project inspired by Pablo Picasso – producing a portrait jigsaw. DRAMA: freeze frames to retell the story of Mohammad (linked to RE learning) MUSIC: Have more control over their breathing, dynamics and diction Sing along to Sea Shanties.			English Curriculum: Narrative: character descriptions & naming of story nouns, sequencing & mapping, retell with time words and adjectives SPAG: nouns, demarcating sentences with capital letters and full stops, vowels and consonants, suffixes (er, new, ment, ful).	
				Information text: create own information text Guided Reading Key Texts: Phonics and Accelerated Reading Daily (orange, blue, grey, AR and SEND) Read, Write Inc	
Mathematics	*Autumn first half Y2 White Rose – Place Value & Addition & Subtraction Application of mathematical understanding & skills in STEAM through Handling data Recording the number of seagulls in the book using tally's and compare to the seagulls we can see outside our school. Create a tally of all the lighthouses in Cornwall initially, then England and the UK. With these totals create a comparison with the number of lighthouses in each country in UK: England, N. Ireland, Wales and Scotland. Make comparisons using >, < = and create a pictogram of results for display. RNLI stations in Cornwall – explore and ask – which RNLI station has the biggest crew, smallest crew, most boats, least boats, etc.				