As engineers, how can we move items to the top of the lighthouse?

STICKY KNOWLEDGE FOR HISTORY

I. Grace	Darling	was	born in	1815
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2. Grace's family lived inside Longstone Lighthouse on the Farne Islands, Northumberland.

- 3. Grace's father was the lighthouse keeper
- 4. Longstone Lighthouse was built on bare rock, Im above the North Sea

5. Grace took her turn at the top of the lighthouse keeping watch, day and night, for ships in trouble at sea.

6. On 5 September 1838 the steamship *Forfarshire* set off from Hull to Dundee - the steamship hit Big Harcar rock and broke in two

7. Grace and her father rowed through the strong tide and winds, as the North Sunderland lifeboat was unable to get there due to the harsh conditions, to rescue people.

8. The story of the wreck and the daring rescue was on the front pages of all the newspapers and Grace became famous for risking her life to save others in the face of great danger.

9. Grace died of tuberculosis April 1842, 4 years after the famous rescue

10. Sea rescue has improved and is now much safer - life jackets are worn, boats are motorised and are easily launched, waterproof clothing is worn and GPS is used.

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I. Plants need air, light, water,
2. Germination is when a plan
3. Plants can make their own
4. The main parts of a plant ar
5. Some plants like cooler tem
6. Some plants like warmer te
7. All plants need regular wate
Too much water can also dam
8. All plants need space to gro
9. Leaves need space to expan
10. Squashed roots create small

		ESSENTIAL	COMPUTING	1.00		
	Pulley	A wheel that carries a flexible rope, cord, cable, chain, or belt on its rim.	Tuberculosis	An infectious disease that most often affects the lungs and is caused by a type of bacteria	Programming A - Robot Algorithms	MUS
	Shipwreck	The destruction of a ship by sinking or breaking up.	Germination	The process by which a plant grows from a seed into a seedling	MATHS Multiplication &	Music Expr Pattern & T Pattern & T PE Ball & racket Team Games
	Lighthouse	A tower with a beacon light to warn or guide ships at sea.	Navigate	To plan and direct the route of a ship or other transport.	division - 1 week Length & height - 2 weeks Mass, capacity &	
	Coastguard	An organisation that keeps watch on coastal waters.	Port	A town with a harbour.	temperature - 3 weeks	
THE P	Engineer	A person who designs, build or maintains engines, machines or structures.	Beacon	A fire or light in a high position.	HOOK Trip to Portland Lighthouse	

STICKY KNOWLEDGE FOR SCIENCE

r, nutrients and warmth to make them grow well.

nt starts to grow.

food in their leaves using sunlight

are the roots, stem, leaves and flower.

mperatures.

emperatures

ter. Withou<mark>t water, s</mark>eeds and bulbs will not germinate. mage plants.

ow.

and and complete their food making job.

nall plants.

