



Year 2 Autumn 1  
Lighthouses

Our topic this half term is called  
'To the Lighthouse'.

- In Science we will be making electrical circuits and testing which materials conduct electricity.
- In Design and Technology the children will be working in groups to design and make working model lighthouses.
- We will be reading the Lighthouse Keeper stories by David and Ronda Armitage and writing our own lighthouse keeper stories.
- In History we will study the life of Grace Darling and evaluate the impact of her life and actions.

## Visitors and Visits



The RNLI are hoping to send a speaker into school to tell us about their work. We are hoping to have a workshop from Intech looking at circuits and why they are not working.

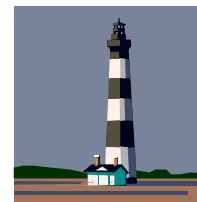


## Grace Darling



We will be learning about *Grace Darling* and her life on the Farne Islands. We will be role playing her heroic life and how she was awarded a medal for bravery.

We are making lighthouses at school and need large, clear plastic bottles or tall cylindrical packs e.g. Pringles packs to help with the construction. We would be very grateful if children could bring some in. Thank you for your help with this.



# Maths

This half term we will be ordering two digit numbers and partitioning into tens and ones  
e.g.  $46 = 40 + 6$

When adding and subtracting 2 digit numbers we will use number lines and Dienes equipment (tens rods and units).

We will be learning by heart and using number facts to 10 e.g.  $3 + 7 = 10$  and doubles to solve problems.

We will be learning to solve number and word problems involving money and real life situations.

Using hundred squares and number lines we will be reinforcing what 10 more or less than a given number is.

# Maths

To help your child learn 10 more or less than a given number they can play games with a blank hundred square. Cover up some of the numbers with counters or pieces of paper and your child can work out what the covered number is.

You can also play 'battleships' where your child marks their ships with counters and you call 10 more than 36 so they mark number 46 etc.

BBC has good games with 100 squares on [bbc.co.uk/numbertime](http://bbc.co.uk/numbertime). There are plenty more sites if you 'google' hundred square.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

# Literacy

This half term we will be writing instructions on how to make a circuit. We will be identifying key features to remember when writing instructions.

We will be writing stories including action paragraphs. We will describe how we managed to fix a broken light in the lighthouse in our own lighthouse keeper stories.

We will be writing questions and answers to tell the story of Grace Darling.

