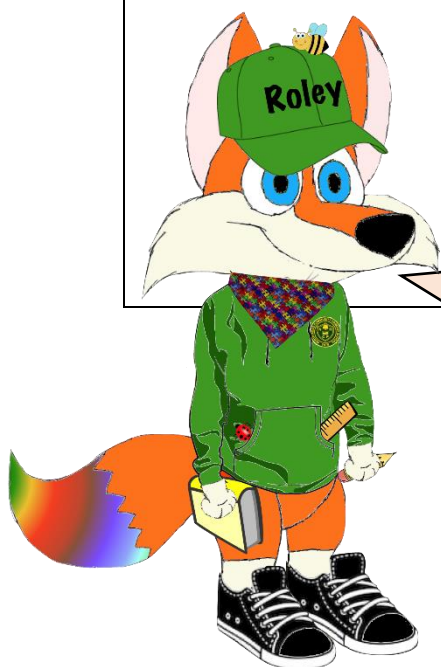# Neptune – Roley's Ten Day Challenge Set 1

Creativity	Challenge	Curiosity	Caring	Fun
• Design and make a board game • Create and perform a dance • Write and perform a poem • Write a story for a younger child	• Learn to count to 10 in three different languages • Read a new book and write a book review for the library. • Write and send an email message to Mrs Stillie at School to tell her some news. • Complete Roley's Maths Challenge (see reverse)	• Watch the sun set and photograph it • Find out something about North Road School/Yate before you were born • Identify a six star constellation in the night sky	• Take responsibility for recycling at home for a week • Write a letter to bring happiness to someone • Raise awareness of an environmental issue (e.g. make a video/poster) • Research & make a presentation on an endangered animal	• Learn to play a game of cards • Perform a puppet show • Make up your own game and teach it to someone else • Bake a cake • Help to cook a family meal

Roley

Hello! Please choose at least two activities from each list to complete. Please bring your work back to school in the folder that you have been given so that you can share it with your class teacher and friends. Email any photos of your learning into school so that we can see what you are getting up to!

What do you need to find my chosen number from this hundred square?

Roley

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

Four of the clues below are true but do nothing to help in finding the number.   Four of the clues are necessary for finding it. Here are eight clues to use:

1. The number is greater than 9.
2. The number is not a multiple of 10.
3. The number is a multiple of 7.
4. The number is odd.
5. The number is not a multiple of 11.
6. The number is less than 200.
7. Its ones digit is larger than its tens digit.
8. Its tens digit is odd.

What is the number?   Can you sort out the four clues that help and the four clues that do not help in finding it?