

## LKS2 Optional Homework Tasks –Autumn 2 2024



Every Day

Reading for a minimum of 20 minutes

Every Week

Mathletics

Times Table Rock Stars

Spelling Shed

<p style="text-align: center;"><u>English</u></p> <p>Write a continuation of the story of 'The Firework Maker's Daughter' from what your class have read so far.</p> <ol style="list-style-type: none"> <li>1) What will happen to Lila next?</li> <li>2) Will she succeed in becoming a true firework maker?</li> <li>3) What will happen to Chulak and Hamlet?</li> <li>4) Will Rambashi appear again in the story?</li> </ol>	<p style="text-align: center;"><u>Maths</u></p> <p style="text-align: center;"><u>Multiples Grid</u></p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr> <tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td></tr> <tr><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td></tr> <tr><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td></tr> <tr><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr> <tr><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td></tr> <tr><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td></tr> </table> <p>What do all the numbers shaded blue have in common?</p> <p>What do you notice about all the numbers shaded pink?</p> <p>Can you work out why two of the numbers are shaded in a purple colour?</p>	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
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<p style="text-align: center;"><u>Science</u></p> <p>Create a fact file about our key scientist: <b>Jacques Cousteau</b></p> <ul style="list-style-type: none"> <li>- Who are they?</li> <li>- When were they born?</li> <li>- What were they famous for?</li> <li>- Was there anything else interesting about them?</li> </ul>	<p style="text-align: center;"><u>History</u></p> <p>Write a diary entry from the perspective of a child living in the Viking times.</p> <p>Perhaps you are like Emma and her brother Symeon who are Anglo Saxons trying to warn their village of the Viking ships arriving. How are you feeling in this moment?</p> <p>Or are you a child of a Viking family on the ship, ready to invade a new village and take what you can find? Do you feel sad for the village people who will suffer?</p>																																																																																																				

### Computing

Complete a task on Purple Mash:



#### 2Quiz

Make your own quizzes and see if other people can solve them. Use different kinds of question, including labelling, multiple-choice, text-entry, grouping and sequencing.



#### 2Code

Create programs using block coding; activities to lead you on the way to coding expertise.



#### 2Blog

Create your own blogs on any topic that interests you. Link in images, videos and other media.

### Maths

Here is part of a 100 square shaded in a different way:

24	25	26
34	35	36
44	45	46

Can you explain the shading in this grid?

Here are some more parts of the 100 square, each one shaded according to different rules. Can you work out what the rules are for each?

66	67	68
76	77	78
86	87	88

Is there only one solution each time?

### Science

Can you visit a pond habitat in your local area and see how many different plants you can find.

- Can you make a list of the different pond plants you found?
- Can you classify the plants you found into flowering and non-flowering plants?
- What else did you notice about the pond habitat?

### PSHE

Can you create a colourful poster about how to keep safe and respect other people's boundaries?

- What should we ask for before we hug someone?
- How should we keep personal space between one another?
- If someone says stop, what should we do?
- Who could we talk to if we think our boundaries are being disrespected?
- Who are our trusted adults?

