
























# Strategic Searching Online: Search Engines

<b>National Curriculum</b> Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.		<b>Lesson Duration</b> It is estimated that this lesson will take approximately 60 minutes.	
<b>Aim</b> To find out information on the Internet using search engines.			
<b>Success Criteria</b> I can explain what a search engine is. I can explain what a search engine is used for. I can access a trusted search engine. I can complete a search to find a website or specific information.		<b>Key Vocabulary</b> Browser, Internet, search engine, network, search results, search terms, URL, web browser, web page, website, World Wide Web (www).	
<b>Resources:</b> <a href="#">Lesson Pack</a> PC devices, such as laptops, Chromebooks and/or tablets		<b>Preparation</b> one per child Differentiated <a href="#">Search Engines Crossword Activity Sheet</a> - one per child In order to activate prior knowledge and develop a purpose for learning through interests, we recommend you begin the <a href="#">KWL Grid</a> prior to starting this unit. It is advised that appropriate search engines are chosen prior to the start of the lesson.	

**Prior Learning:** It would be helpful if children have accessed \_\_\_\_\_, where children will have briefly looked at the Internet and one-word searches. It would also be beneficial that the children would have been exposed to a computer, laptop or Chromebook, had the opportunity to use these devices and be familiar with the basic skills needed to use them.

## Learning Sequence

	<b>Knowledge Organiser:</b> Introduce the topic and <a href="#">Knowledge Organiser</a> . Explain that the <a href="#">Knowledge Organiser</a> has all the key information and vocabulary that the children will need to learn and understand by the end of this unit. Look through this together discussing what they already know and underline words that they don't yet know. We recommend completing one per child at UKS2.	
	<b>Finding Out Information:</b> Using the <a href="#">Lesson Presentation</a> , children discuss where they would go to find out information about a given topic or where they would go if they needed a question answered.	
	<b>The Internet:</b> Using the <a href="#">Lesson Presentation</a> , recap what the Internet is and discuss the variety of web browsers that can be used. What can the children remember about the Internet from Year 3?	
	<b>Search Engines:</b> Using the <a href="#">Lesson Presentation</a> , explain to children what a search engine is and what they are used for. Explain the keyword URL and where it is on a web page. This can be done by showing the URL of different websites of your choice. Explain that a URL can give a clue as to what the web page is about. Gather the children's examples of search engines and then gather ideas on how they might use search engines. Write ideas down to place on a computing display. <b>Can the children think of times when a search engine would be useful?</b>	
 	<b>Using Search Engines:</b> Using the <a href="#">Lesson Presentation</a> , show children what a search engine looks like and where to input search terms. This can be done by the address bar or the search bar. Children can input a search term into a search engine themselves or this can be demonstrated by an adult. The search term can be changed to fit any topic but the following slide on the <a href="#">Lesson Presentation</a> will need amending.	

	<p><b>Search Results:</b> Using the <a href="#">Lesson Presentation</a>, discuss and show children what can be seen on a search result. Discuss and show that some search results generate popular questions and answers or related images and videos.</p>	
	<p><b>Using Search Engines:</b> Using the questions on the <a href="#">Lesson Presentation</a>, ask children to use the search engine to find the answers to the questions. This can be done in groups or independently. Using the prompt questions on the <a href="#">Lesson Presentation</a>, create a mind map or list of tips that might make using search engines easier. This could be placed on the wall for children to refer to later in the lesson or in future lessons.</p>	
	<p><b>Using Search Engines:</b> Using the differentiated <a href="#">Search Engines Crossword Activity Sheets</a>, children should use a chosen search engine on a device to solve the clues in order to complete the crossword. This activity can be done both independently or as a pair or part of a group.</p> <p><b>Can the children explain how they would check to see if the website is relevant?</b></p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Children complete the eight words which fit into the crossword, using a search engine. The starting letter is given for a selection of words.</p> </div> <div style="text-align: center;">  <p>Children complete the fifteen words that fit into the crossword, using a search engine. Some letters are given for a selection of words.</p> </div> <div style="text-align: center;">  <p>Children to complete the fifteen words which fit into the crossword, using a search engine.</p> </div> </div>	
	<p><b>Check:</b> Using the differentiated <a href="#">Search Engines Crossword Activity Sheet Answers</a>, allow children to check their answers.</p>	

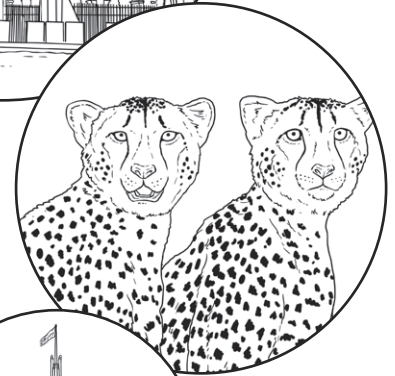
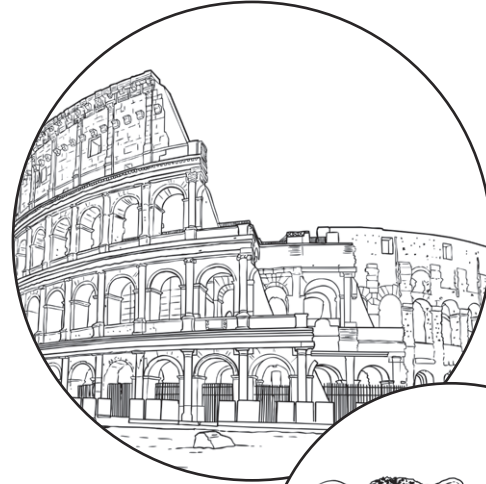
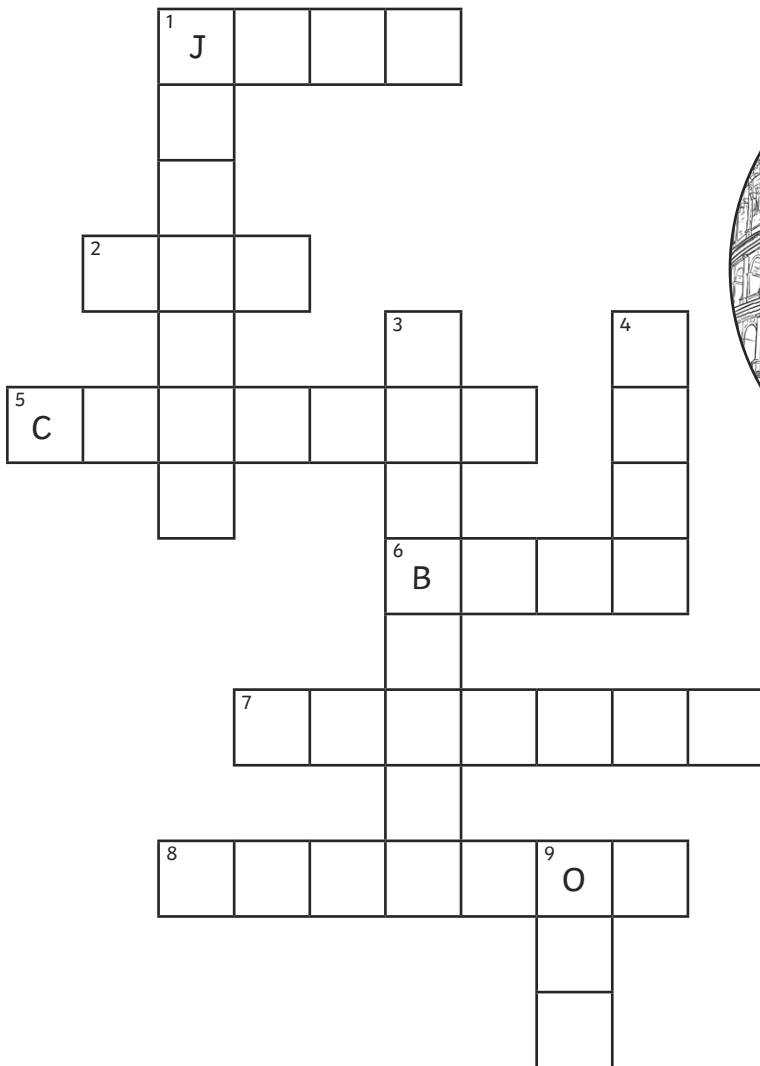
<p><b>Explore it</b></p> <p><b>Search it:</b> Children will complete _____ to practise their search engine efficiency.</p> <p><b>Present it:</b> Children write instructions on how to use a search engine in the form of an information booklet or presentation for younger children.</p>
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<p><b>Assessment Notes:</b></p>
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<p><b>Disclaimer</b></p> <p>This unit involves children searching on the Internet. Please be mindful of search terms/topics used and connotations that could result in inappropriate links and pages. Child-friendly search engines are advised. Ensure your firewall settings are set at the appropriate levels necessary and your anti-virus software is up to date. It is good practice to ensure screen content can be seen at all times and that children know what to do if they see something on the Internet that makes them feel uncomfortable.</p>
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# Search Engines Crossword

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## Across

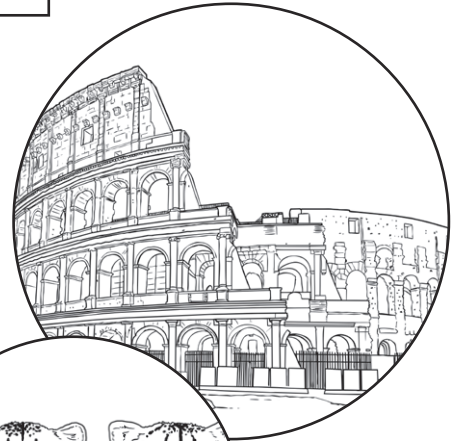
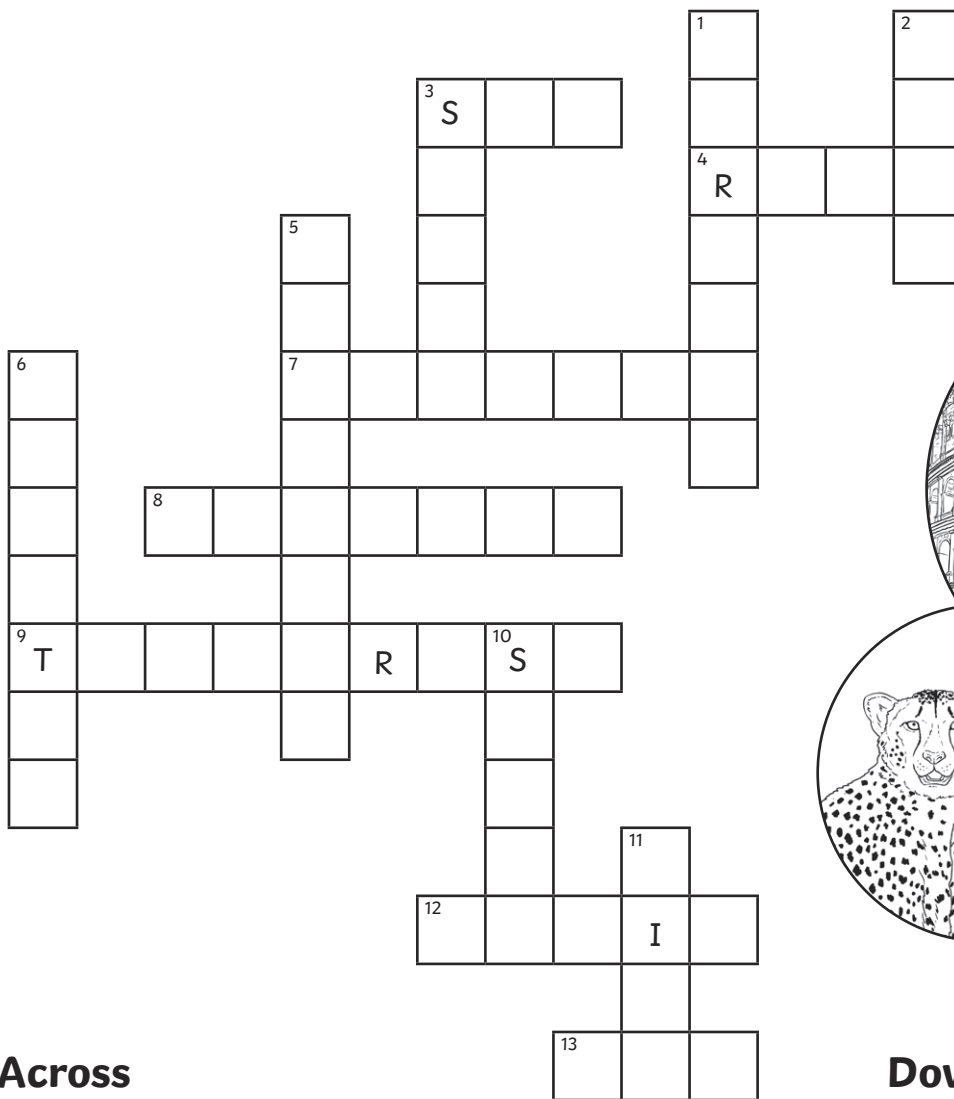
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7. The country where Christmas trees originally came from (7)
8. A nine-sided shape (7)

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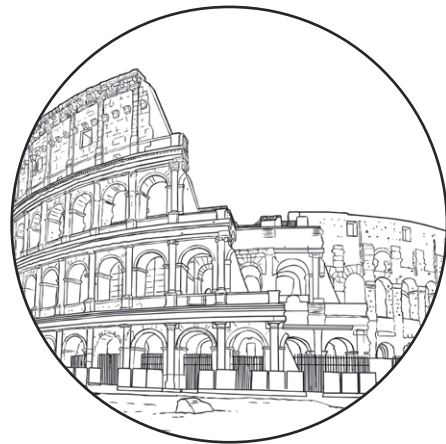
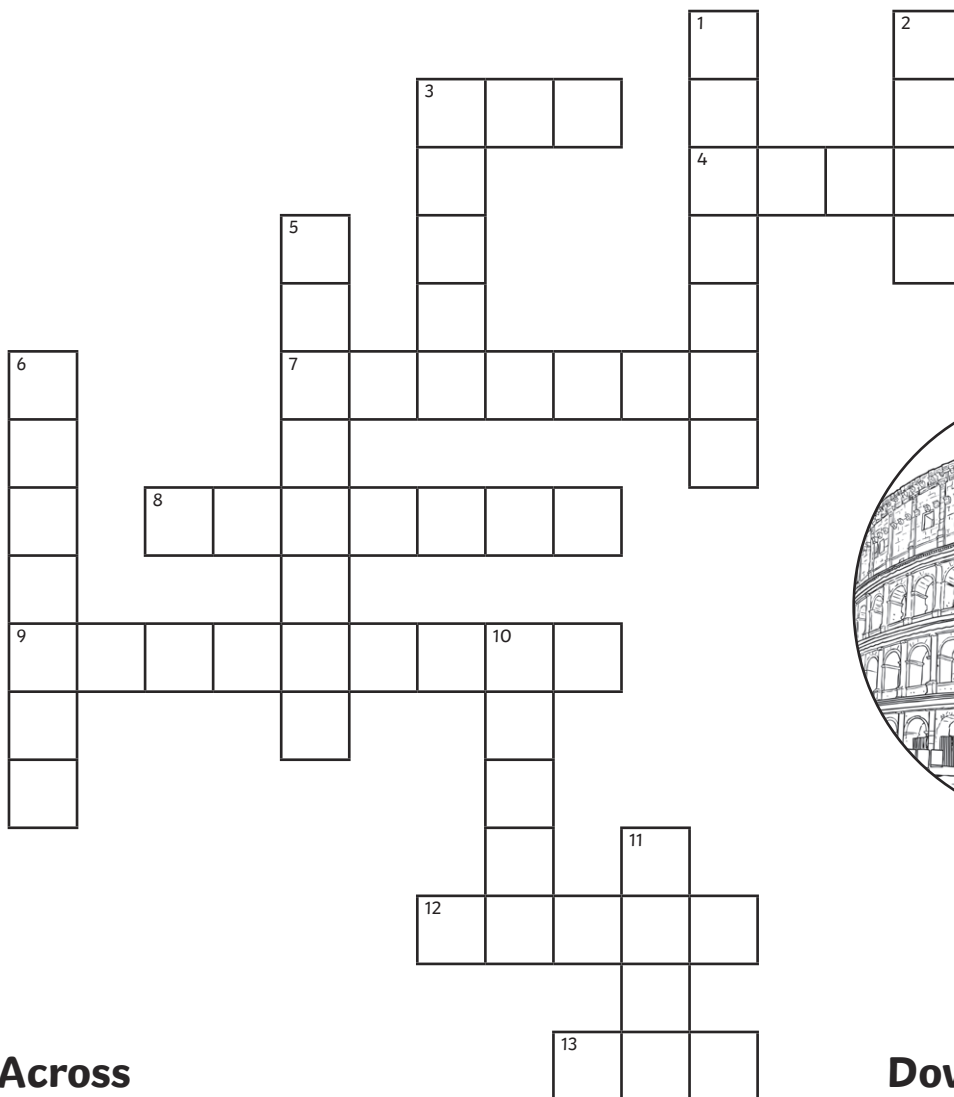
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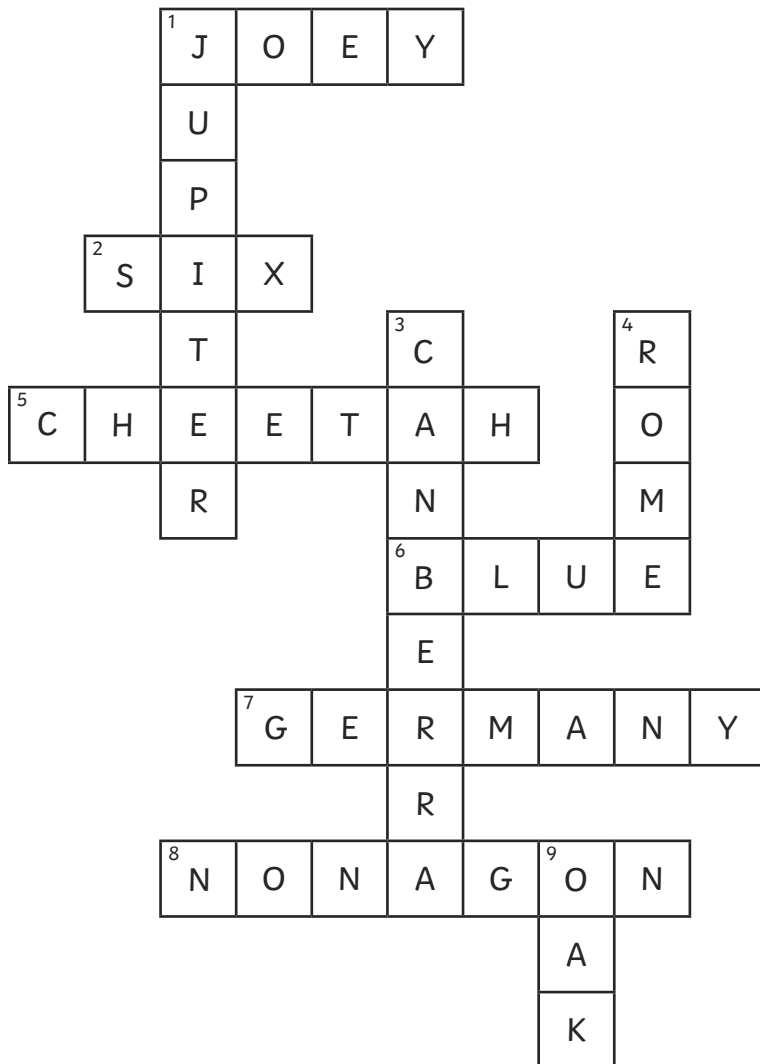
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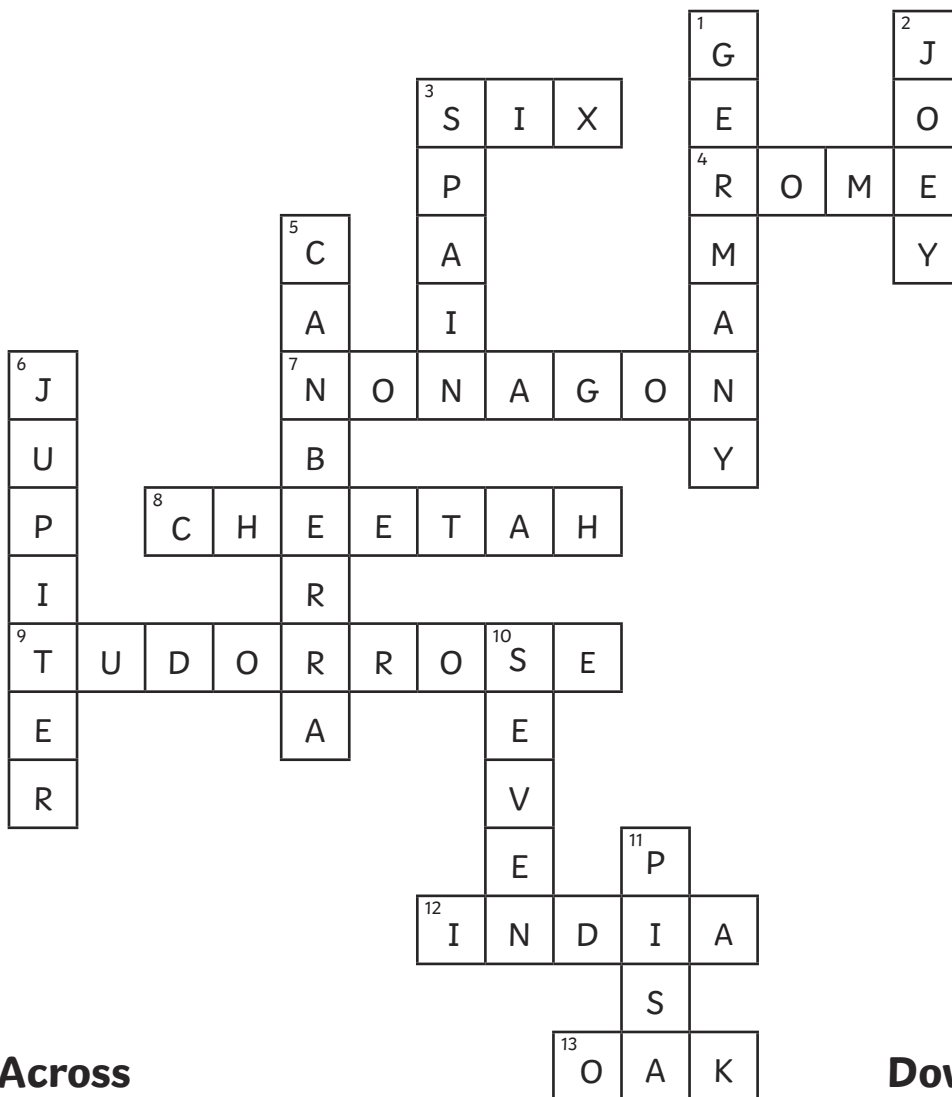
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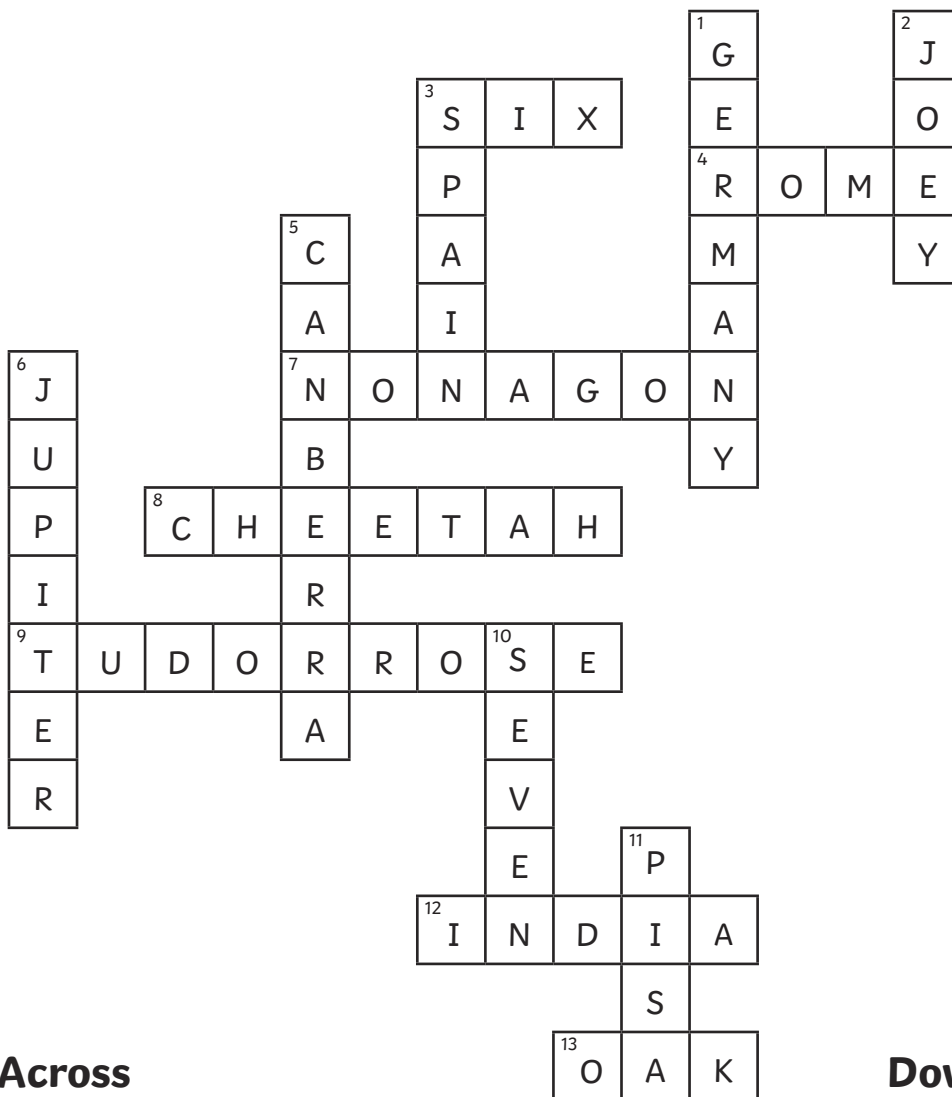
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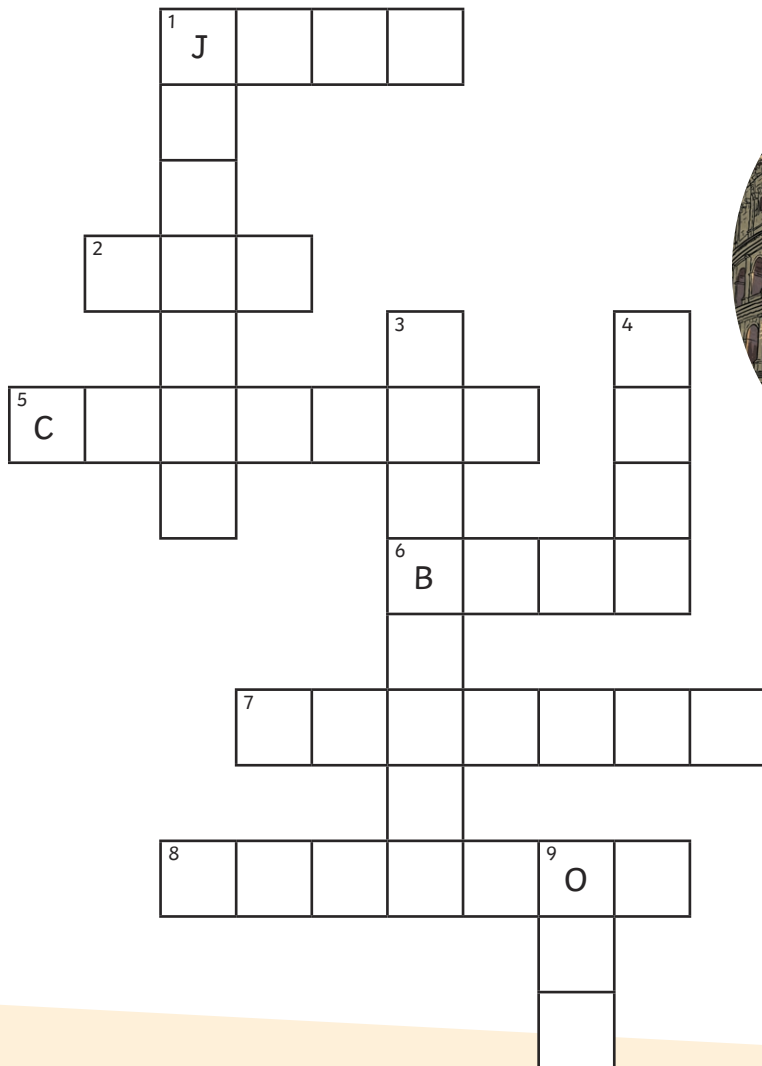
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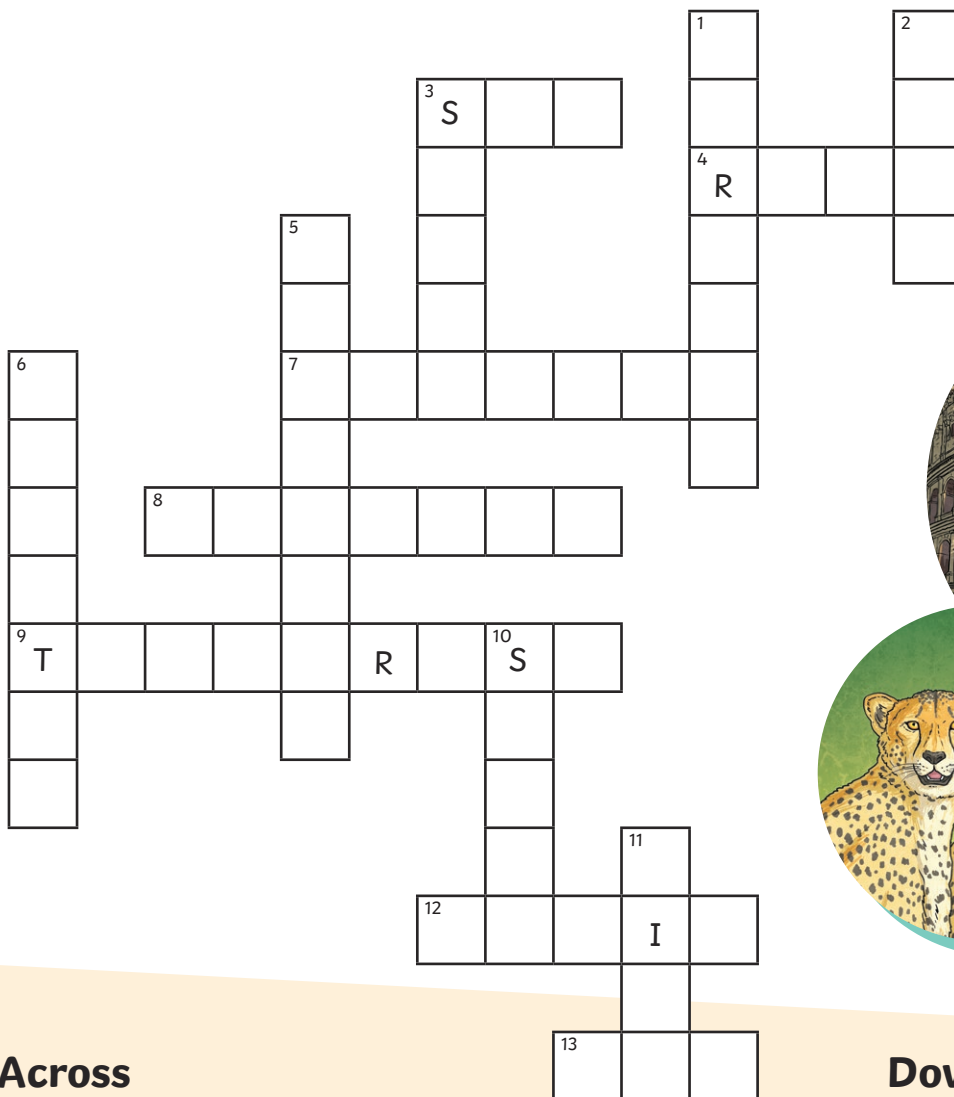
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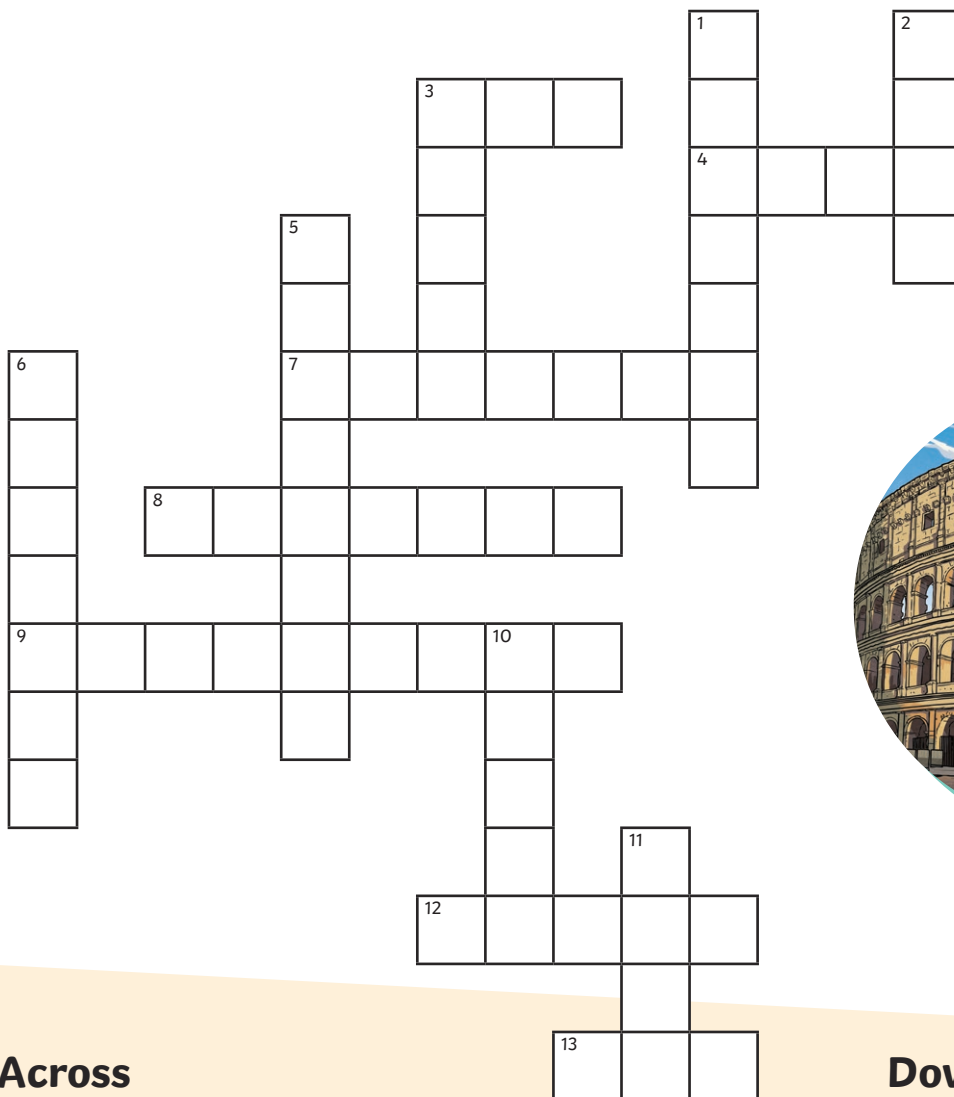
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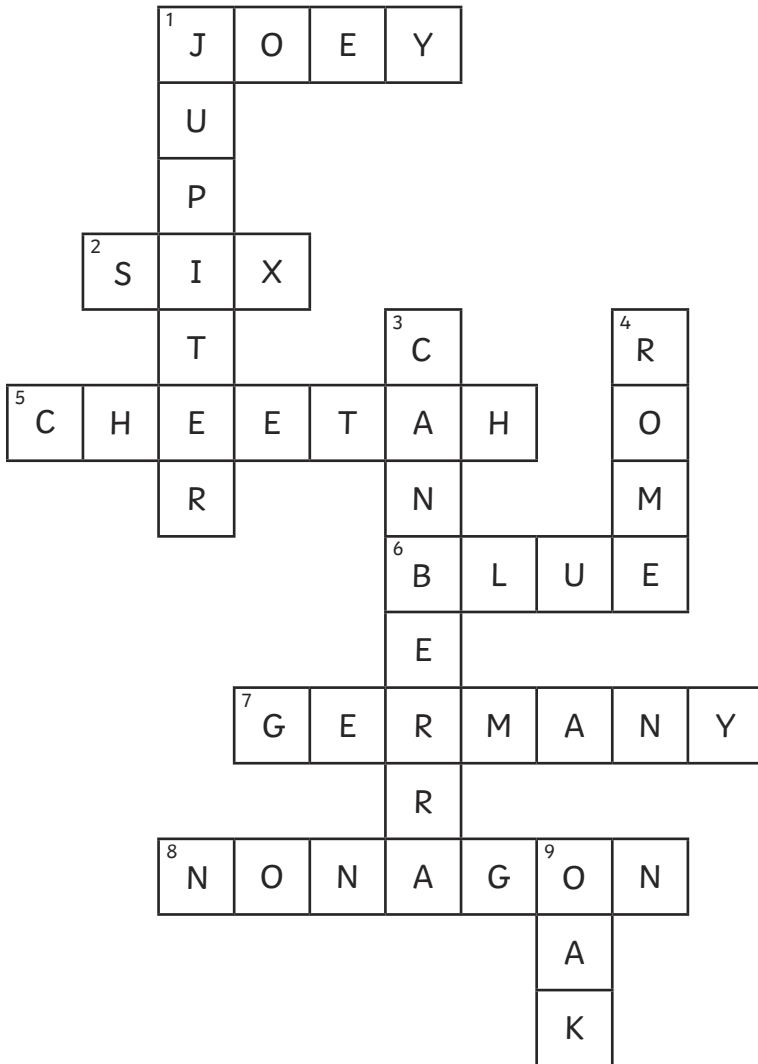
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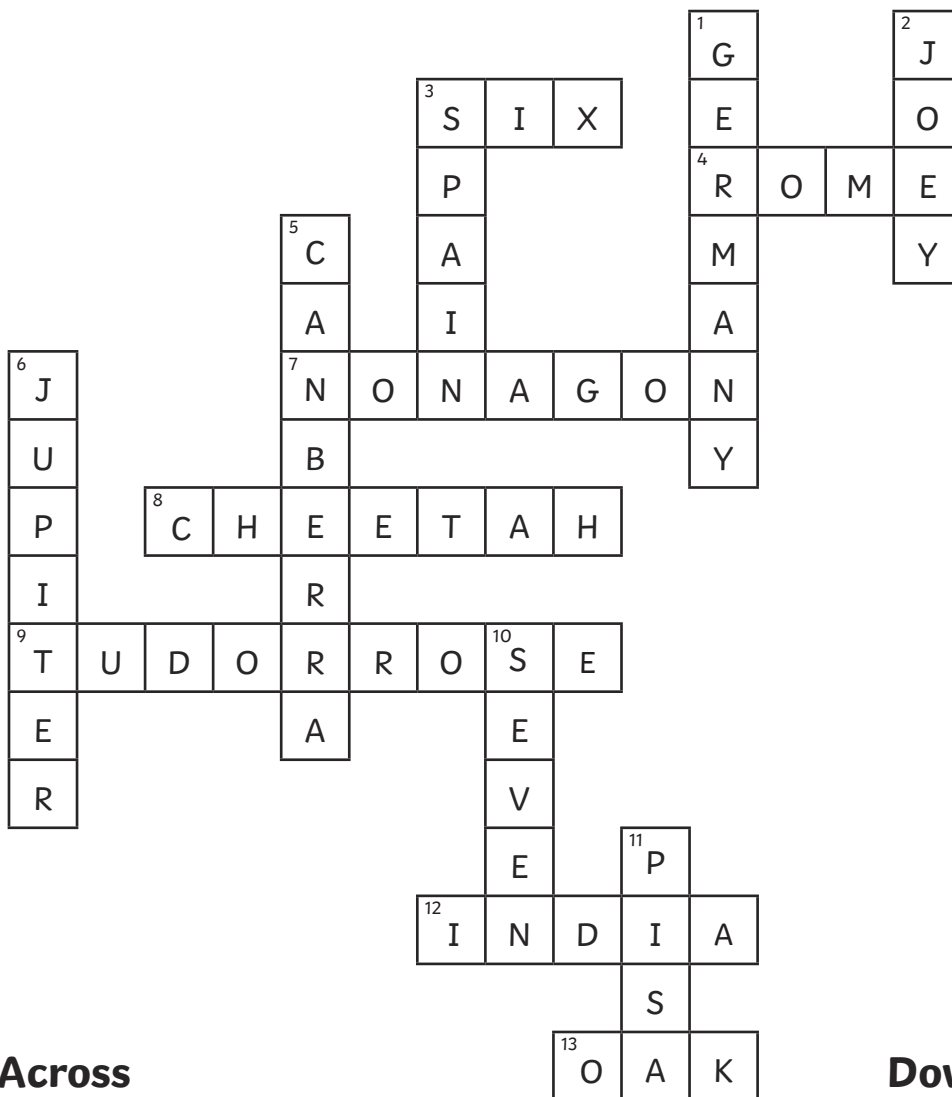
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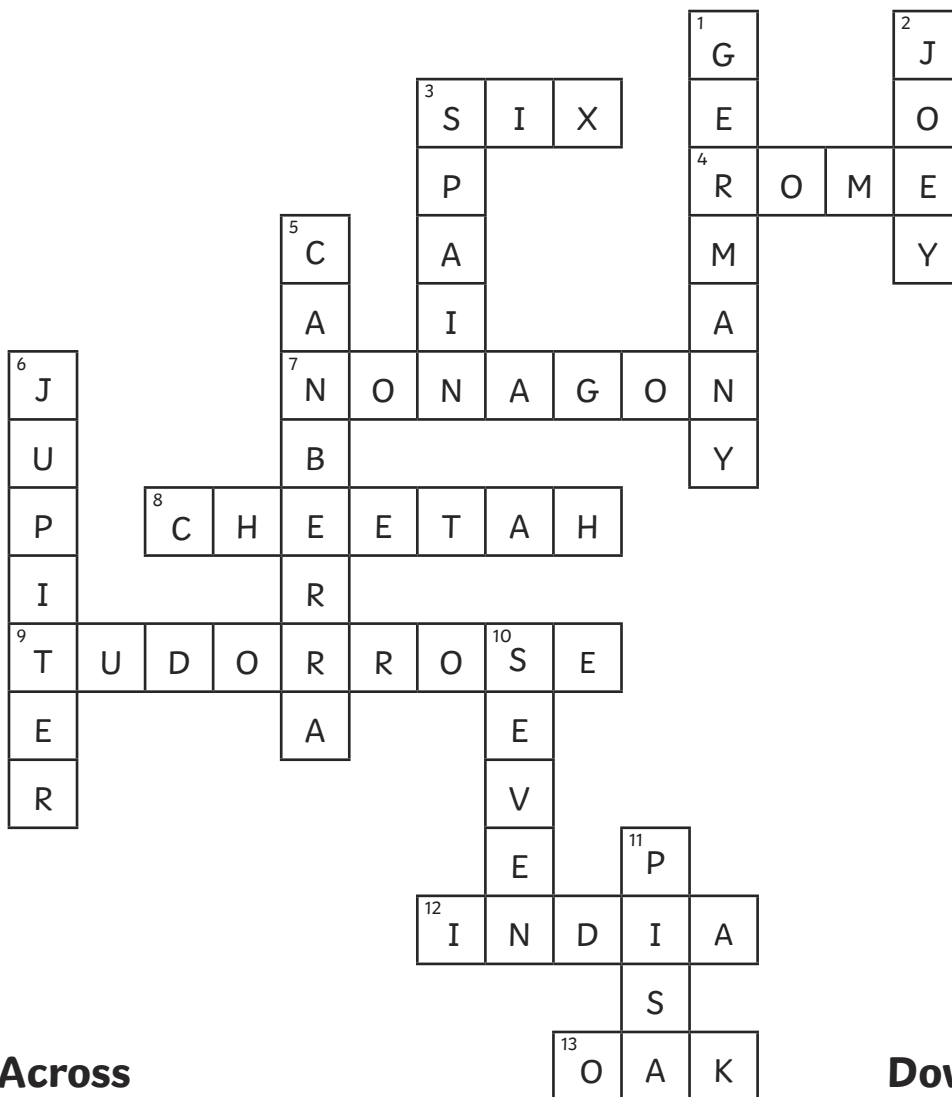
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