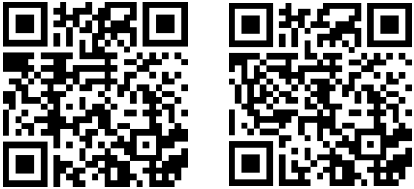
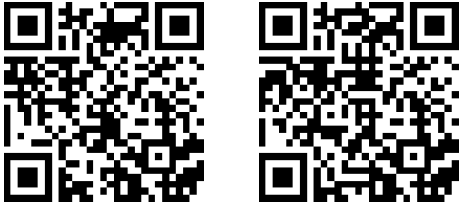
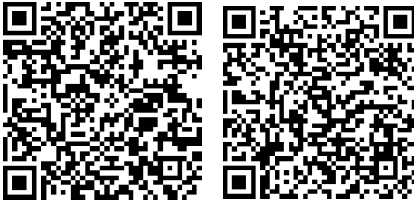



<p>Watch two documentaries about the scales that rule the Universe and black holes:</p>  <p>Write a short reflection (approx. 300 words):          What was the main topic of the video and what you found most interesting?          How does this relate to concepts you might have encountered in GCSE science?</p>	<p>Explore TED Talks on Astrophysics and Cosmology:</p>  <p>Design an A3 poster showcasing how space telescopes (like Hubble or James Webb) revolutionise our understanding of the cosmos.</p>
<p>Read the articles of how the medical imaging could transform cancer and arthritis diagnosis and consider how the life of the patients with cancer could be improved or saved with early diagnosis.</p> 	<p>Investigate how Physics-driven innovations could make UPF (Ultra processed food) healthier, safer, and more sustainable, addressing criticisms over additives, nutrient loss, and environmental impact.</p>  <p>How the UPF could solve the problem of global food insecurity and why NOVA classification is criticising the industry of UPF?</p>

Think about which part of Physics you enjoy most or find most intriguing – what do you want to understand better, or are you curious about?

Turn that interest into a question, for example:

Have the scientists achieved repeated net energy gain in fusion reactions and what are the latest energy yields? (hint: search for National Ignition Facility (NIF))

How could the AI-Enhanced Quantum Sensors be used for early disease detection?

Use reliable websites, books and articles to find out more about this topic and take notes.

**Use your notes to write a response to your question**

