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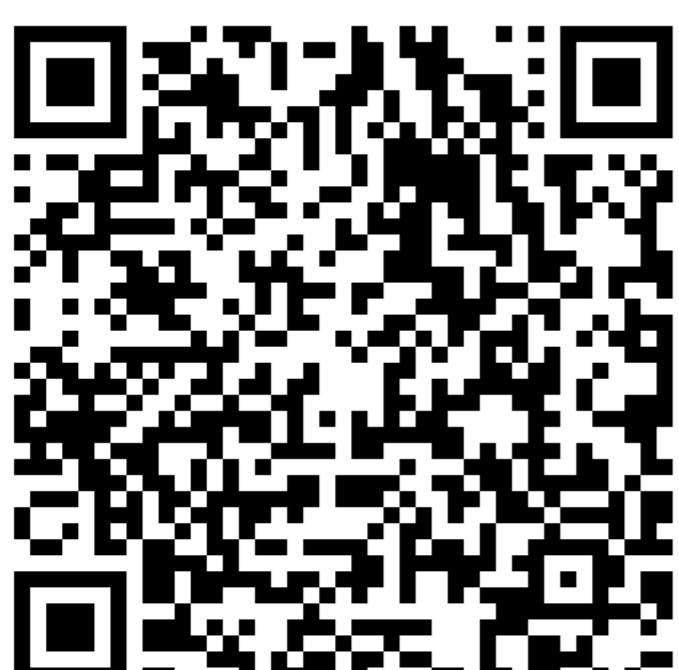
## Sharing ideas for teaching physics that everyone can use

The project's aim was to collate and share ideas for teaching physics organised by topic to allow teachers and technicians to easily implement new ideas. The sets of ideas are shared as Creative Commons google slide decks with one idea per slide which makes it simple to go through and find something new to try. Most of the ideas have videos to explain them as well as links to additional resources and background information. Well over 800 ideas have been compiled so far. An example slide is shown below:

Total internal reflection and soot		? 🔔 ⏪ ⭐ 👁
<p><b>Description:</b> A silver coin is covered in soot in a candle flame and becomes black. It is then dipped into a beaker of water and appears silver.</p> <p>The soot is hydrophobic and traps a layer of air on top of it. Total internal reflection occurs at the water air boundary and so the coin appears silver as the light is reflected before it reaches the soot.</p>		
<p><b>Why use it:</b></p> <ul style="list-style-type: none"><li>Surprising demo which combines the interesting hydrophobic property of soot and total internal reflection.</li></ul>	<p><b>Useful to know:</b></p> <ul style="list-style-type: none"><li>Original idea from Keith Gibbs.</li></ul>	
<p><b>Links and where to find further information:</b></p> <ul style="list-style-type: none"><li><a href="https://www.thenakedscientists.com/get-naked/experiments/silver-soot">https://www.thenakedscientists.com/get-naked/experiments/silver-soot</a></li></ul>		

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**Low-Cost**



**Electricity**



**Waves**



**Forces**



**Magnetism**



Access all the ideas from [www.teachphysics.org](http://www.teachphysics.org) including a special set of low-cost ideas created especially for the Festival