

# Take Away Homework



*Choose your homework from the menu below:*

The Peri-ometer suggests the difficulty or challenge the homework may offer. Every half term you should attempt **at least one 'HOT or EXTRA HOT'** task!

## Particles



Particles	Kinetic theory	Changes of State
<p>What's the matter? Write a report outlining the particles structures and properties of each state of matter. How are you going to present this creatively?</p>	<p>What theory? Create a teaching tool (any design you want) to explain the particle theory.</p>	<p>Design an investigation <i>Create an illustrated design/ display or power point to explain how you would investigate if there is a 4<sup>th</sup> state of matter???</i></p>
<p>What does a solid look like? Produce a model or booklet outlining the particle structure of a solid, don't forget the labels!</p>	<p>How do theories develop. Make a comic strip to show how the kinetic theory was developed over time, who proposed what....</p>	<p>Name that state change! Created a labelle temperature of time graph to show how state chage occurs in water.</p>
<p>Research one type of matter (either solid, liquid of gas) and its properties How could you display this information creatively?</p>	<p>Investigate what the implications of the partcial theory are in states of matter Create a visual display of this information.</p>	<p>Imagine visiting a year 3 and 4 class to explain about Sate changes <i>Can you produce any resources to help spark interest and inspire? What visual aids would you use?</i></p>
<p>Investigate different household substances that are solids, liquids and gases <i>How could you represent this creatively?</i></p>	<p>Find pictures representing the kinetic theory. <i>Can you create a college of all the images?</i></p>	<p>Investigate at what temperature ice melts when you apply salt/ grit. <i>Display this information any way you choose.</i></p>