

Have a warm-up problem ready, with some iceberg questions that you have thought out.

Time	Teacher does this	Student does this
~10 mins after start	<p>Present the warm-up problem.</p> <p>Facilitate class discussion on the warm-up problem. Model the process – recognise and verbalise specific strategies. Discuss/suggest some <i>iceberg information</i> that could be gained from further exploration.</p> <p>Assign iceberg questions for each group of four to explore for 5 minutes.</p> <p>Help pairs select their task, checking the materials as you go.</p> <p>Quick wrap of the warm-up problem and the WM process.</p> <p>Cruise the room. Do not hand out recording sheets yet. Allow students to become interested in the problem.</p> <p>Once all groups are ‘on their way’, subtly hand out the recording sheet – one per pair.</p> <p>Note the tasks which require some teacher-checking (indicated by double lines)</p> <p>Stop the class. Draw students’ attention to the recording sheet. Emphasise: <ol style="list-style-type: none"> 1. Alternate the main recorders each session. 2. Front page refers mainly to the card itself, while the back page is mostly for the iceberg of the task. 3. Suggest that students use pencil. Neatness is not imperative; they may wish to refine their notes as they go. </p>	<p>Work on the warm-up problem for 5 mins.</p> <p>Pairs contribute/share their ideas and solutions.</p> <p>Do some iceberg work on the warm-up, selecting a task in turn.</p> <p>Begin exploring the task.</p> <p>Work through the task card.</p> <p>Listen to instruction.</p> <p>Continue working the task, beginning to use the recording sheet if they haven’t already.</p>
• 25 mins before end	<p>Let students know when they have 10 minutes remaining to <i>play</i> with the task, after which they will have a further 10 minutes to further <i>complete and refine</i> their recording sheet.</p>	
• 15 mins before end	<p>10-15 minutes before the end of the lesson, ask students to carefully pack up their task.</p> <p>Check the materials in each task one by one.</p> <p>Collect recording sheets for assessment.</p>	<p>Pack up the task. Each student should check their materials.</p> <p>Complete and refine the recording sheet.</p>