

## MAXIMISE STUDENT ENGAGEMENT WITH FLIPPED LEARNING AND BLOOM'S TAXONOMY

Phase	Bloom's Category	Key Question	Examples
Before Class	Remember	What <u>tasks</u> will students complete to help them <b>remember</b> and <b>understand</b> key ideas from the text?	<ul style="list-style-type: none"> <li>• Read an article and attempt a quiz.</li> <li>• View a video and record their observations.</li> <li>• Identify concepts and prepare a glossary.</li> <li>• Chunk information and create a mnemonic.</li> </ul>
	Understand		<ul style="list-style-type: none"> <li>• Write a summary on <u>OR</u> map ideas from an article.</li> <li>• Post an explanation of a concept using plain language.</li> <li>• Re-present a formula using visuals, narratives or play!</li> <li>• Diagram a software program with a flowchart.</li> <li>• Storyboard a process.</li> </ul>
During Class	Analyse	What <u>activities</u> will students participate in to <b>analyse</b> and <b>apply</b> their understanding of key ideas?	<ul style="list-style-type: none"> <li>• Ask questions on Before Class work.</li> <li>• Point out real-world applications for a system.</li> <li>• Compare and contrast peer-written summaries.</li> <li>• Identify gaps in understanding based on quiz responses.</li> <li>• Organise peer annotations on an article by themes.</li> </ul>

Phase	Bloom's Category	Key Question	Examples
			<ul style="list-style-type: none"> <li>Deconstruct a text or process.</li> <li>Create a quiz and challenge your peers.</li> <li>Pair up and exchange ideas on Before Class work.</li> </ul>
	Apply		<ul style="list-style-type: none"> <li>Jointly construct a report with peers or the teacher.</li> <li>Solve a problem with guidance from peers, the teacher or with the help of a scaffold.</li> <li>Make changes to a computer program <u>OR</u> essay.</li> <li>Explain a concept or demonstrate a task to peers.</li> </ul>
<b>After Class</b>	Evaluate	What <u>opportunities</u> will students be offered to <b>evaluate</b> what they have learnt so far and to extend this learning ( <b>create</b> )?	<ul style="list-style-type: none"> <li>Post a 'what-I-have-learnt' response to the class blog.</li> <li>Attempt a test-for-understanding quiz.</li> <li>Review a teacher-prepared checklist.</li> <li>Grade a peer's work using rubrics.</li> </ul>
	Create		<ul style="list-style-type: none"> <li>Write a report <u>OR</u> code for a programming module.</li> <li>Record a podcast / demonstration.</li> <li>Propose a (new) theory with justification.</li> <li>Prepare a presentation.</li> <li>Contribute a quiz question.</li> <li>Respond to questions on the discussion board.</li> <li>Redefine or extend a concept with justification.</li> <li>Summarise / Synthesize class discussions.</li> </ul>