Barnsley Academy – (Year 7 – 7CP week 4) Curriculum
Scheme of Work – 2023-24

	Term 1 Week 4			
	1	2	3	4
Lesson Focus	Big Picture – success criteria.	Saturation, solubility, and temperature	CTG	7CP – EOUA
Prerequisite Knowledge	What knowledge are they building on (previous units/years)? Informs Do Now/Retrieval.	Particle model, soluble vs insoluble, kinetic energy, particle movement	Teacher to adapt CTG lesson to match the common errors/ misconceptions for their students. Common misconceptions – forces of attraction and changes of state Pure vs impure for compounds and how to check something is pure Using the correct separation methods	All topics on 7CP
Core Knowledge	Key terms and agreed definitions, any other key information essential to students, succeeding. In practical subjects this can include skills.	Define the terms 'saturation' and 'solubility' and use the particle model to demonstrate saturation. Describe the effect of temperature on solubility· Describe and explain patterns in solubility data and factors that affect solubility.	Soluble, insoluble, force of attraction, motion and arrangement. Add in for your lesson	
Expert Model /Guided Practice/Agreed Approach (Procedural Knowledge)	Name the steps that student need to take – agreed department approach.	Video to demonstrate the term saturation	Add in for your lesson	Pick out any extended questions – annotate command words and key content under visualiser to set students up for success prior to starting the paper.

Independent Practice	The task and reference back to the Big Picture Slide	IP 1 – draw a particle model for a saturated solution and define the term saturated IP2 – Explain how temperature affects solubility IP3 – exam questions IP4 – Plotting a graph	Add in for your lesson	Complete EOUA in silence – 50 minutes
Assessment (Informal/Formal)	Circulation/live feedback/self-assessment/class assessment/whole class feedback (marking cycle)/quiz.	Exam question Circulation of room WB checks		
Resources	(Hyperlink)			
Specific SEN(D)/EAL support	Overview for the lesson – can be repeated strategies	IP 1 – HA and LA slide for task		