

Central Hub Brighton – Curriculum Topic Information Sheet

Subject	Year	Term
Science - Chemistry	7,8,9	Spring 2
Topic/s		
Solutions and Particles		
Content (Intent)		
Prior Learning (Topic/s):		
Electricity and Light		
Future Learning (Topic/s):		
Ecological Relationships - Biology		
What Knowledge or Skills will be Taught? (Implementation)	How will your Understanding be Assessed and Recorded (Impact)	
Knowledge	On Going Assessment	
Know and use terms soluble, insoluble, solvent, solute, compounds. Mix and separate particles using different methods – distil, evaporate, chromatography, filter, dissolve, diffusion. Understand particle arrangements and behaviour of solids, liquids and gasses. Recognise reversible and irreversible change.	Pupil work books Photographs Written and verbal feedback Onwards and Upwards	
Skills	Formal Assessment	
Carry out precise and safe testing and experimenting. Use scientific terms correctly Be able to explain introductory particle theories	End of unit open book assessment	
SEMH Curriculum Knowledge & Skills	Assessment of SEMH Development	
Classroom skills Group work Safe working Postive and functional relationships with peers and adults	Lesson points	
How Can Families Help at Home?		
Experiment with items at home mixing and dissolving Cooking – reversible / irreversible change BBC Bitseize		
Helpful Further Reading/Discussion (including Reading and Vocabulary Lists)		
Reading	Vocabulary Lists	
	conduct insulate translucent transparent opaque Parallel series voltage current refract reflect spectrum amp volt	