

Year 9 Math
Measurement work requirements

Name:

It might be good to check understanding in 5A-5C

Topic	Knowledge	Skill	Ability
5D Composite Shapes (p. 320) Learning Goal: analyse shapes that are made up of smaller shapes Success Criteria: calculated area and perimeter of range of composite shapes	1 (a), 2 (a,b)	1 (b), 2 (c,d), 3 (a,c,f), 4 (a,c,e), 5 (a,c,d), 9 (a)	3 (b,d,e), 4 (f), 5 (b,e,f,g,h,i), 6, 7, 8 (a,c,e,f), 9 (b,c), 12*, 15
5E Surface area of Prisms and Pyramids (p. 327) Learning Goal: calculate surface area of 'simple' objects Success Criteria: calculated surface areas of objects, by visualising nets	1-3	4 (a,c,e), 5	6, 7, 8
5G Volume of a Prism (p. 342) Learning Goal: calculate volumes of prism-like objects Success Criteria: calculated volumes of prism-like objects	1, 2 (a,c,e,g,i,k), 4 (a,c,e,g,i)	3 (a,c), 5 (a,c), 6 (a,c), 11 (a,b,c)	7 (a,c), 8-10, 11 (d,e,f), 12 (a,c), 15,

Part 2- Cylinders:

Topic	Knowledge	Skill	Ability
5F Surface area of a cylinder (p. 334) Learning Goal: calculate volumes of 'prisms' that have circular faces Success Criteria: calculated volumes of cylinders		1-3, 5	4, 6 (a,c,e,g,i), 7, 8, 12 (a,c)
5H Volume of a cylinder (p. 347) Learning Goal: calculated volumes of cylinders Success Criteria: calculated volumes of cylinders		1-2, 3 (a,c,e)	4-6, 7 (a,c,e,f), 9 (a,c,e,f), 11 (a,c,e,f)