

Engineering – Year 10 Report Feedback Sheet

Please find below information on each of the topics outlined on your child’s report for Engineering. We have broken down each topic into the relevant objectives to help you support your child in improving on their ‘insecure’ or ‘developing’ topics. We have directed you to our Teams lesson recordings and resources on each of the topics to allow your child to improve further. You can find all of the information you need in the Year 10 Engineering Team in the folder named: “General/NCFE lessons 1-43 (complete course) where all resources for the topics covered are in one place.

Topic 1 – Engineering Disciplines	Resources
Mechanical Chemical	PPT in class TEAMS: General/NCFE lessons1-43(complete course)
Electrical Civil	All video links provided in lesson PPT’s
Aerospace Automotive	NCFE Work book
Communications	Knowledge organisers

Topic 2 – Engineering Drawings	Resources
Isometric	PPT in class TEAMS: General/NCFE lessons1-43(complete course)
First/third angle projection	All video links provided in lesson PPT’s
Tolerances British Standards	NCFE Work book
Title blocks Scales	Knowledge organisers
Students will continue to develop their technical drawing skills further during practical lessons but are encouraged to work on this at home.	

Topic 3 – Materials/Characteristics	Resources
Properties	PPT in class TEAMS: General/NCFE lessons1-43(complete course)
Timbers	All video links provided in lesson PPT’s
Metals	NCFE Work book
Plastics	Knowledge organisers

Topic 4 – Mathematics & Science	Resources
Si units	PPT in class TEAMS: General/NCFE lessons1-43(complete course)
Equations: scientific	All video links provided in lesson PPT’s
Equations: mathematical	NCFE Work book
Application of equations	Knowledge organisers

Topic 5 – Tools and equipment	Resources

Topic 6 -	Resources

Hand tools	PPT in class TEAMS: General/NCFE lesons1- 43(complete course)
Machinery	All video links provided in lesson PPT
CNC	NCFE work book
Workshop Tools	Knowledge organisers

Practical Skills	Students have been working on a practical task over the last term. This is an area that all students need to work on and I am developing their skill set in this area during lessons.
	Continued studying or reference to the sections in Unit 1 covering tools & machinery as well as health & safety is strongly advised.
	PPT in class TEAMS: General/NCFE lesons1-43 (complete course)