

Bridging Unit Tasks: L3 Engineering

Bridging Unit Challenge Points	Activity
20	<p>Youtube:</p> <p>Collect 4 links to videos to aid your understand in each of the following subjects:</p> <ul style="list-style-type: none">• Precipitation hardening (age hardening)• Tempering• Case hardening• Normalising <p>(links will need to be submitted to Mr Gregory when you start in September)</p>
40	<ul style="list-style-type: none">• Read articles, watch clips and explore further the difference between hydraulics and pneumatics. Then summarise your findings
60	<ul style="list-style-type: none">• Produce an accurate orthographic drawing of a product of your choice which includes 3 views and at least 5 key measurements completed to BS8888 standards.
80	<p>Report about manufacturing processes</p> <ul style="list-style-type: none">• Choose <u>one</u> forming process from the list below and complete a detailed report including: what it is, how it works, where it is used, benefits and drawbacks of its use and a comparison evaluation comparing it to another one from the list.• Images should be included and referred to<ul style="list-style-type: none">○ Vacuum forming○ Rotation moulding○ Compression moulding○ Injection moulding
80	<p>Kahoot Quiz</p> <ul style="list-style-type: none">• Create a Kahoot account (you will need it in year 12) and produce an accurate quiz on engineering materials which has at least 20 questions• Name the quiz 'L3 engineering materials'