

Design and Manufacture National 5

YouTube operations

- Plastic Manufacture https://www.youtube.com/watch?v=qn16JtE_vLc
- Injection Moulding <https://www.youtube.com/watch?v=RMjtmSr3CqA>
- Extrusion Moulding <https://www.youtube.com/watch?v=Tp2Rdx69SSo>
- Vacuum Moulding https://www.youtube.com/watch?v=HWX_XxS4zY8
- Rotational Moulding <https://www.youtube.com/watch?v=q2xE-VfAjmE>
- Blow Moulding <https://www.youtube.com/watch?v=8W6P5KU5ONQ>

Metalworking Machining

- Lathe (turning) <https://www.youtube.com/watch?v=WQKwUmXLafQ>
 - Facing off https://www.youtube.com/watch?v=3avWofeZ-_w
 - Centre Drilling <https://www.youtube.com/watch?v=xYSrZeyGIBI>
 - Parallel Turning <https://www.youtube.com/watch?v=5PF4IAUPCLI>
 - Knurling <https://www.youtube.com/watch?v=c07YzRzNPXE>
 - Chamfering https://www.youtube.com/watch?v=yz4OkXHvO_c
 - Parting off <https://www.youtube.com/watch?v=6dxEH5CPkcQ>
- Milling <https://www.youtube.com/watch?v=FyuG-B95PQs>
 - Slot cutting <https://www.youtube.com/watch?v=lqMNWy5OM2A>
 - Basic milling <https://www.youtube.com/watch?v=5V0s6fLyRH0>
 - Milling project <https://www.youtube.com/watch?v=3x4hQPJPKns>

Hand Operations

Threading (taps and Dies) <https://www.youtube.com/watch?v=3x4hQPJKns>

Riveting <https://www.youtube.com/watch?v=bpyPQ0kvGyo>

<https://www.youtube.com/watch?v=1hB3rIECtxM>

Welding <https://www.youtube.com/watch?v=DJ5Z6cWWJaE>

Soldering <https://www.youtube.com/watch?v=BLfXXRfRizY>

<https://www.youtube.com/watch?v=JyVbjDsr4>