

Fluid Power- Hydraulics Lesson

1. Go to the following website and read about hydraulics. There will be an online quiz when you are done so make sure to read all of the content.

<http://www.howstuffworks.com/transport/engines-equipment/hydraulic.htm>

2. Go to the following website and complete the quiz.

<http://science.howstuffworks.com/transport/engines-equipment/hydraulic-machine-quiz.htm>

3. Watch the following videos on Hydraulics and Pneumatics.

Hydraulics and Pneumatics part 1

http://www.youtube.com/watch?v=Y1mRa-9zDF8&feature=related&safety_mode=true&persist_safety_mode=1

Hydraulics and Pneumatics part 2

<http://www.youtube.com/watch?v=UuK3ESGgbqk>

Pascal's Law and Hydraulic Brake System

http://www.youtube.com/watch?v=VxLTDtaRCZk&feature=related&safety_mode=true&persist_safety_mode=1

Pneumatic radial engine

<http://www.youtube.com/watch?v=ZLyDqcseqWY>