

Unit 4 – Mechanical Systems

Task: Title Page

Create an original and eye-catching title page for the unit that uses a combination of PICTURES and WORDS. Use the checklist to help you complete your task.

- Name/Date/Title (you will automatically lose a mark if this is not included)
- Images that show the topics covered
- Definitions/Explanations of terms YOU THINK are most important
- Have a peer look over your work to ensure quality
- Check your work – do you have a minimum of 5 relevant images or descriptions?

Some things to consider:

- ✓ Machines through time – meeting the same need in different ways (section 1)
- ✓ 6 simple machines form complex machines (section 1)
- ✓ Subsystems and gears (section 1)
- ✓ Calculations: Mechanical Advantage, Speed Ratio, Efficiency & Work (section 2)
- ✓ The effects of friction (section 2)
- ✓ Work: Scientific vs. Everyday (section 2)
- ✓ Hydraulics (section 2)
- ✓ Evaluating devices (section 3)
- ✓ Technological develop in changing times (section 3)

Keep in mind, you are NOT RESPONSIBLE for everything listed above. These are simply suggestions of what you might want to include in your title page.

Total: 5 marks

Only QUALITY work will be accepted and marked. Use your own judgment and the insight of your classmates to determine if your work is of an acceptable standard.