

Unit 3 – Light & Optical 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 title page.

- Name/Date/Title (you will automatically lose a mark if this is not included!)
- Pictures 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 5 relevant images/descriptions (2 marks each for a total of 10 marks)?

Some things to consider:

- ✓ Early thinkers of light theory (section 1)
- ✓ Draw how optical devices use light to function (section 1)
- ✓ Discuss/draw different ways that light interacts with materials (section 2)
- ✓ Demonstrate the law of reflection with mirrors (section 2)
- ✓ Show how light interacts with lenses (section 2)
- ✓ Describe the colours of light (section 3)
- ✓ Compare natural and artificial sources of light (section 3)
- ✓ Compare human eyes to animal eyes (section 4)
- ✓ Show how images are formed via technology (section 4)

Keep in mind that you are NOT responsible for all of the items to consider. These are simply suggestions that can help you to create your title page.

Total: 10 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.