	Year 10 Winter Exam Revision Checklist Dec 2024
1.1	• Define density and recall its units
1.2	• Explain why different objects have different densities
1.3	• Explain floating and sinking in terms of density
1.4	• Recall and use the density equation
1.5	• Describe and conduct an experiment to find the density of a liquid

1.6	• Graphically analyse experimental results to determine the relationship between mass and volume
1.7	• Describe and conduct an experiment to find the density of an irregular object
1.8	• Give examples of high and low pressure situations
1.9	• Define pressure and discuss how it can be increased/decreased

1.10	• Recall and use the equation for pressure
1.11	• Recall a mass of 1kg is equivalent to 10N
1.12	• Complete an experiment to calculate a person's pressure
1.13	• Discuss how pressure affects our everyday lives
1.14	• Give examples of levers and what they are used for
1.15	• Recall the definition of moment

1.16	• Use the equation for moment
1.17	• Investigate the relationship between clockwise and anticlockwise moments
1.18	• Recall and apply the Principle of Moments
1.19	• Define centre of gravity