**Revision Tasks**

In this hour you must **complete three activities** from the table below. The activities chosen must form a straight line and must go through the middle square.

As there will only be approximately 20 minutes for each task, you will need to work efficiently!

|  |  |  |
| --- | --- | --- |
| Write 12 questions on one side of paper and the answers on the other. Test someone. | A crossword – 10 key terms in the crossword and the definitions as the clues. | Create a sequencing task where statements need to be put in the correct order. Try it on a partner. |
| A poster of one or two particular topics. | Do 15 questions from the revision guide. | Write three exam style questions with answers separately. Test someone. |
| Write a missing words passage – should cover two or three topics. | Create 5 summary index cards. | A detailed mind map of one or two topics. |

|  |  |
| --- | --- |
| **P1 Topics** | **P2 Topics** |
| Heat and temperature  Specific heat capacity  Specific latent heat  Conduction and convection  Radiation  Insulating your home  Useful energy and efficiency  Electromagnetic waves  Reflection, refraction and diffraction  Total internal reflection  Using light  Cooking with waves  Communicating with waves  Analogue and digital  Wireless communication  Seismic waves  Waves and our atmosphere | Electricity from the sun  Other ways to use energy from the sun  The dynamo effect  Generating electricity  Distributing electricity  Global warming  Power and paying for electricity  Fossil fuels and biomass  Nuclear power  Alpha, beta and gamma radiation  Uses of radioactivity  The solar system  Asteroids, comets and the Moon  The Big Bang  The life cycle of stars  Changing ideas on the Universe |