INSTRUCTIONS

Include sketches, diagrams and notes in your answers. Click on the 'miners' for helpful links.

> 1. WHAT IS **SOLAR POWER?** Include a basic example.

SOLAR AND WIND POWER - INTERACTIVE KNOWLEDGE MAP

2. HOW DOES A 'SOLAR **HEAT EXCHANGER**' WORK?



3. DESCRIBE THE **USE OF 'PARABOLIC** SOLAR COLLECTORS'.



4. EXPLAIN HOW THE **ODEILLO-FONT-ROMEAU SOLAR FURNACE** WORKS.



1. DESCRIBE **AND SKETCH** TWO EARLY WIND POWERED DEVICES.



8. WHAT ARE THE **ADVANTAGES AND DISADVANTAGES OF SOLAR POWER?**





PRACTICAL

APPLICATION OF

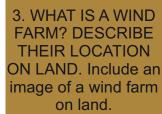
'PHOTOVOLTAICS'

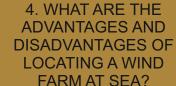
5. WHAT IS 'PHOTOVOLTAICS'?

7. DESCRIBE ONE **PRACTICAL APPLICATION OF SOLAR CARS**



2. DESCRIBE AND **SKETCH TWO MODERN WIND** GENERATORS.







5. DRAW A DIAGRAM THAT REPRESENTS THE SCALE (SIZE) OF A TYPICAL **MODERN WIND GENERATOR**



6. SEARCH THE INTERNET FOR **IMAGES OF WIND GENERATORS. COLLECT A SELECTION OF DIFFERENT** TYPES.

7. WHAT ARE THE **ADVANTAGES AND DISADVANTAGES OF WIND** POWER?



