



| Attainment Band: | Knowledge and Understanding | Skills |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yellow Plus | <p>Understands all aspects of fossil fuels and thermal energy</p> <p>Understands the pros and cons of all types of renewable energy</p> <p>Creates a well designed and made propeller that functions well</p> <p>Understands how to market electric vehicles</p> | <p>Presents work to a high standard</p> <p>Team leader and does most of the work in the group.</p> <p>Skilful in the use of 2ddesign learning all the new tools</p> <p>Can use scissors accurately to cut out and create a wind turbine blade that works well</p> <p>Can lead the presentation</p> <p>Can write an extended, thoughtful evaluation</p> |
| Yellow | <p>Understands the pros and cons of fossil fuels and thermal energy</p> <p>Can identify all types of renewable energy</p> <p>Understands how the shape of a propeller affects its performance and designs accordingly</p> <p>Understands the pros and cons of Electric vehicles</p> | <p>Can present work well</p> <p>Makes good decisions in the team.</p> <p>Has designed 3 propellers and chosen the best one to make</p> <p>Can use scissors accurately to cut out and create a wind turbine blade that works well</p> <p>Can research and design using powerpoint</p> <p>Can write a self-critical evaluation of the project</p> |
| Blue | <p>Can describe fossil fuels and thermal energy</p> <p>Can identify different types of renewable energy</p> <p>Understands how the shape of a propeller affects its performance</p> <p>Understands how Electric vehicles can help society</p> | <p>Works well in a team</p> <p>Has designed at least 2 propellers using 2ddesign</p> <p>Can create a working wind turbine blade</p> <p>can design using powerpoint</p> <p>Can write an evaluation of the project</p> |
| Green | <p>can describe some fossil fuels</p> <p>Can identify some aspects of renewable energy</p> <p>Understands that different propellers work differently</p> <p>Can identify the good points of electric vehicles</p> | <p>Contributes to the team</p> <p>Has designed a propeller using 2ddesign</p> <p>Contributes to the powerpoint presentation</p> <p>Can write part of an evaluation</p> |
| White | <p>Can do some of the above</p> | <p>Can be helped to work in a team</p> <p>Can be helped to design</p> <p>Can be helped to contribute to the presentation</p> <p>With help can write a simple evaluation.</p> |

Energy Generation and Storage