Alternative Ways to Power a Train

1. Make a note of as many energy resources as you can think of.

Alternative energy resources

1. Highlight those that you think could be used as a method of powering your train in case of OLE failure or for sections of line that are not electrified.
2. Rank the ones you have highlighted in order of the ones you think are most suitable (1) to least suitable (highest number)

Alternative Ways to Power a Train

|  |  |  |  |
| --- | --- | --- | --- |
| Energy resource | How it works | Benefits | Problems of using it to power a train |
| Diesel |  |  |  |
| Hydrogen fuel cells |  |  |  |
| Solar cells |  |  |  |
| Lithium ion batteries |  |  |  |
| Compressed air |  |  |  |