**Engineering: Optional Summer Project**

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| What is the Optional Summer Project? |
| Investigate an Engineered ProductSelect a product you are familiar with and is available, this could be an old product you no longer use, These might be, a skateboard, bicycle brake, radio controlled car.* Carefully and safely dismantle the product, ask permission first.
* Lay out the parts and label them take a photograph of each part
* For parts that have been machined, measure their dimensions and record them.
* Describe each component their purpose and how they link together.
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| What resources will I need? |
| An old product you no longer use, skateboard, bicycle brake, radio controlled car. A product you can disassemble safely.  |
| Where can I look for more activities or resources if I would like them? |
| <https://www.stem.org.uk/resources/stem-clubs/search> |
| What will I be studying when I return in September and how can I prepare? |
|  Year 10 | In September you will be completing the ear phone wrap assignment. You will start my refining your design ideas, make sure all pages are complete an up to date on Google Classroom.  |
| Year 11 | In September you will be revision for the exam unit 40% of your final grade. You need to look over past work on Google Classroom create mind maps on manufacturing processes.  |