

YR10 ENGINEERING

Unit 1

BIG



What is a feature?

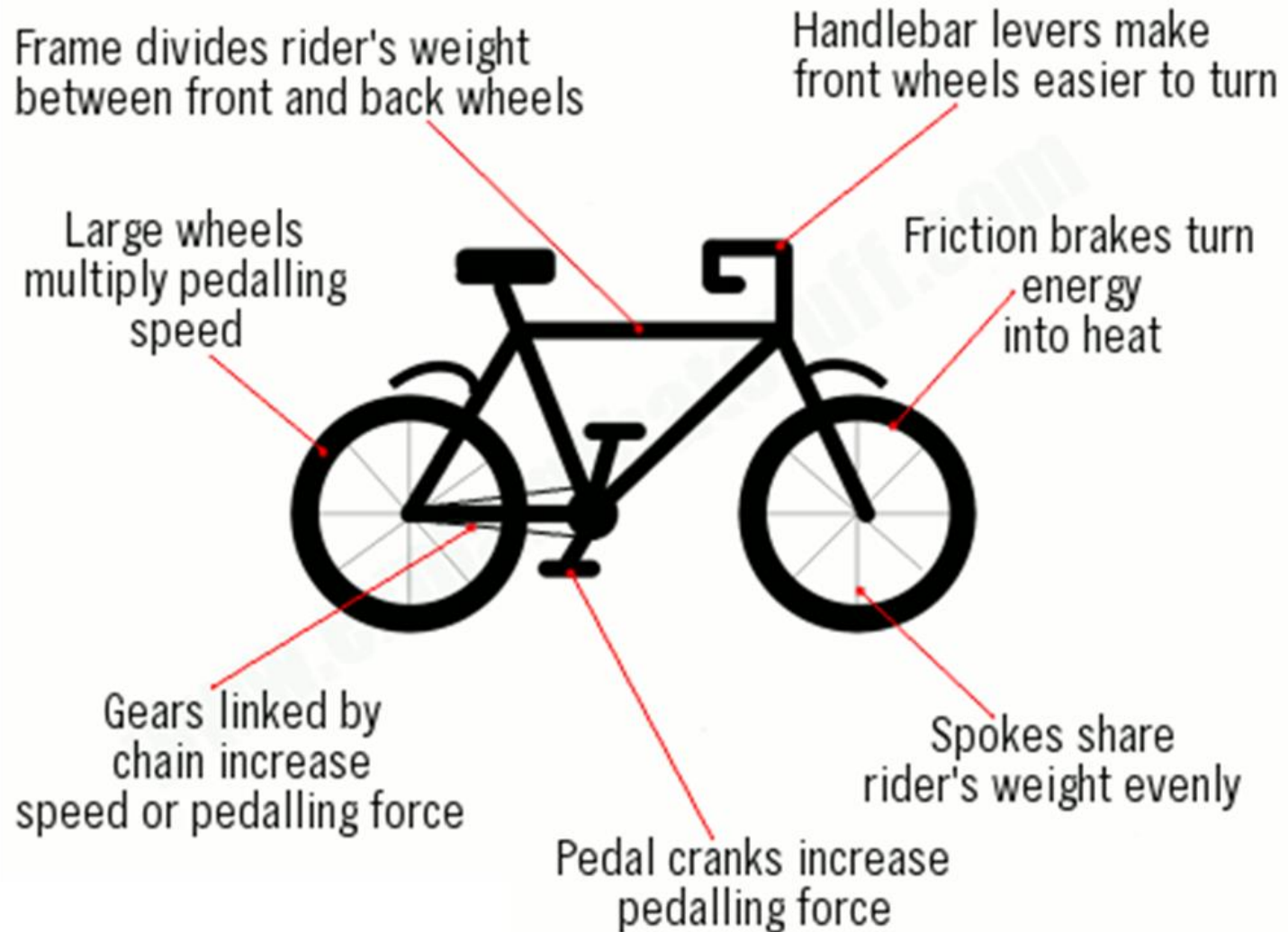
What's a mechanical feature?

What's an electrical feature?

How Products Function

- Engineers also need to understand how products function.
- We have already learnt how to identify different component parts of a product. So far we have been able to label individual components in isolation.
- Now we need to see how those components work **together** to create a working/functioning product.

All the component parts have been labelled with explanations of their function



Task

- Label the main components of the electric Scooter below.
- Draw arrows between the main components that interrelate (work together to perform a function).
- Describe how the linked components work together to perform a function.



Portfolio Task

- On a separate A3 sheet of paper, select a product (Bike, Drill, Hairdryer or other) to analyse.
- Place a picture of your chosen product in the middle of your A3 page and make links between the main component parts.
- Describe how the component parts interrelate to perform a function.
 - *Try to choose a product/picture where you can see the component parts*
 - *Try to choose a simple product*
 - *Use lots of annotation to explain/describe*

