

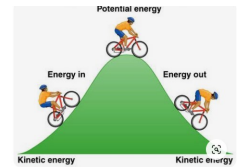


How can I make and store kinetic energy?

Word	Definition	
Air resistance	A type of friction, known as the level of 'drag', on an object as it is forced through the air.	<p>The air flows over the car. Car travels at low speed. The air flows over the car (Turbulence occurs). Car travels at high speed.</p>
Graphics	Images which are used to explain or advertise something.	
Dimension	Measurements such as length, breadth, depth, or height.	
Edit	A design change which can happen at any stage in the product development process.	
Function/ purpose	A chair will hold someone when they sit down, but is it to sit at a desk or to relax in?	
View point	Make sure you look at your idea from all angles.	
Initial ideas	Be sure to record every thought and idea on paper, in a sketch-book or design sheet.	
Develop	Show each step of your design, edit following evaluation and feedback	

Key Knowledge and Concepts.

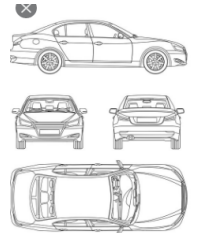
Kinetic energy - Energy that causes an object to move.



Sling shot cars - Store kinetic energy in the elastic band before launching.

Designs - Can take many years to develop a product, including design changes following focus group feedback.

Viewpoints - Designs should be considered from all viewpoints, such as front, birds eye and side.



Graphics - Can be added to personalise a design.

Tabs - Can be used on a net to help secure the different sections.



Changing a shape will change the air resistance, and this can lead to an increase or decrease in speed. This is known as **Aerodynamics**.