

**In 250 words or less: In your own words - describe the concept and mechanisms used in inheritance:**

Inheritance is when a class inherits their attributes from another class. That way the code can repeat itself less and become more readable.

It works by assigning an object to a category and that category can be expanded from another category. So it gets the primary attributes from the parent and then adds its own attributes to the object.

The inheritor does not only inherit the attributes from the parent but also its methods. That way a truck with a parent vehicle can still drive since it gains the method from the parent vehicle just like Car also gains the method from the vehicle. But what makes Truck unique from Car is that it has a greater load bearing capacity since it is a transport.