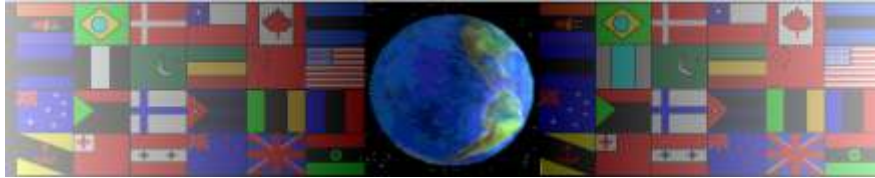


# ROAD SAFETY - MOTORCYCLES

V.Ryan © 2000 - 2011

On behalf of The World Association of Technology Teachers

## W.A.T.T.



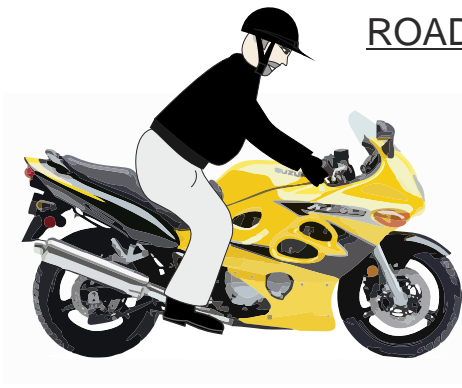
World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet .

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# ROAD SAFETY - MOTORCYCLES

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Motorcyclists have a poor safety record on the roads of the UK, compared to those choosing other modes of transport. Only **one percent** of road users are motorcyclists, but **fourteen percent** of road deaths and serious injuries are motorcyclists. Motorcyclists are **sixteen** times more likely to have fatal or serious accident, compared to motorcyclists. Motorcycling is dangerous, even for those riders who are experienced and well trained.

Using the internet as a research tool, collect statistics regarding motorcycle accidents in the UK. Write a summary of your findings below. This may include the number of motorcyclist killed and those injured.

*(If you do not have access to the internet, you can use statistics from the facts and figures page).*

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## THE FASTEST PRODUCTION MOTORCYCLE IN THE WORLD



In 2010 the Vyrus 987 C3 4V is the fastest and most powerful production bike in the world, having a top speed of 310km/h.

Write some more facts about this powerful motorcycle. (use the internet or the Facts Sheet).

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What are the five main causes of motorcycle accidents?

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# MOTORCYCLING - FACTS AND FIGURES PAGE

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The most recent officially released Department for Transport figures for road casualties in Great Britain 2009 show:

- 472 motorcycle user fatalities in collisions reported to the police
- Motorcyclist killed or seriously injured - 6,049 in 2008 to 5,822 in 2009
- Motorcycle accidents in 2009 fell by 6 percent, compared to 2008

## THE FASTEST PRODUCTION MOTORCYCLE IN THE WORLD

Italian motorcycle manufacturer have produced the 'Vyrus' 987 C3 4V

Weight - 339 pounds

Produces 211 horsepower from its Ducati-sourced 1198cc V-twin engine.

boosted by the presence of a supercharger

carries the title of the Most Powerful Production Motorcycle in the World.

\$70,000 for the cheapest version and \$100,000 for the range-topping Supercharged edition.

## MAIN CAUSES OF MOTORCYCLE ACCIDENTS

- Failure to negotiate left hand bends, especially on country roads.
- Failure to negotiate right hand bends, especially on country roads.
- Collision at junctions, traffic lights and roundabouts.
- Collision while overtaking other vehicles / road users.
- Loss of control of the motorcycle.

## MOTORCYCLING AND STAYING SAFE

1. Get a provisional licence.
2. Take CBT (Compulsory Basic Training).
3. Wear good quality safety gear, helmet etc....
5. Practice on the roads with L plates and attend pre-test training.
6. Read and understand 'The Highway Code'.
7. Apply for and pass the theory test.
8. Apply for and pass your practical test.
9. Always ride carefully and within the limits of the motorcycle.