

# CARBON FIBRE / GLASS FIBRE COMPOSITES - REPLACING TRADITIONAL BATTERIES?

V.Ryan © 2000 - 2012

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 .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.  
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.  
NOT FOR COMMERCIAL USE.  
THIS WORK IS PROTECTED BY COPYRIGHT LAW.  
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN [www.technologystudent.com](http://www.technologystudent.com)

## CARBON FIBRE / GLASS FIBRE COMPOSITES - REPLACING TRADITIONAL BATTERIES?

V.Ryan © 2012 World Association of Technology Teachers

Research shows that carbon fibre and fibreglass are highly effective replacements for traditional batteries.

Many modern day devices such as cars and electric bicycles rely on their use of traditional batteries. With the aid of diagrams, labels and notes, describe another device (not a car or bicycle) that could be developed to take advantage of carbon fibre / glass fibre composites, to replace heavy traditional batteries.

Make reference to the advantages of using composites instead of batteries. Draw the device/equipment in the centre of the page and add notes and labels.