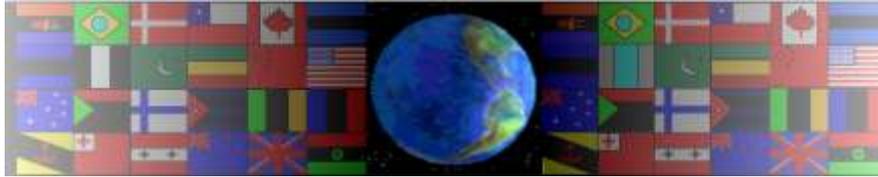


# FITTINGS

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

The 'Fittings 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.

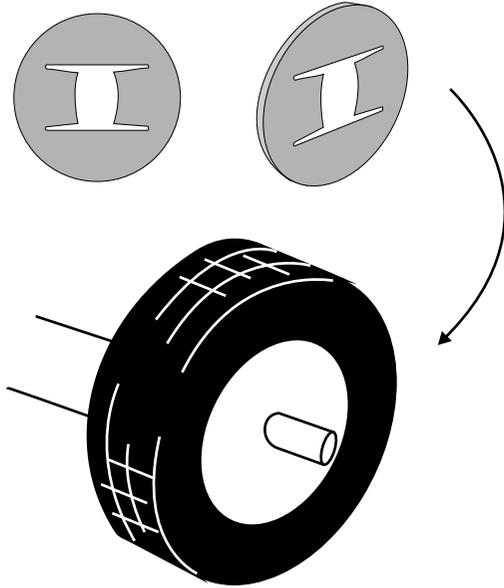
THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.  
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.  
NOT FOR COMMERCIAL USE.  
THIS WORK IS PROTECTED BY COPYRIGHT LAW.  
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE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

# FITTINGS AND FIXINGS

V.Ryan © 2008 World Association of Technology Teachers

## Push on Fittings.

1. A push on fitting is used to hold a wheel on a child's push vehicle toy. On the incomplete drawing below, draw the push on fitting in position.

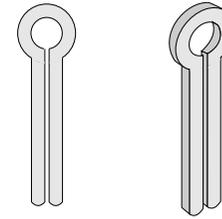


2. Push on fittings are generally made from metal. Name the metal and explain why this is a suitable material for this type of fitting.

METAL: \_\_\_\_\_

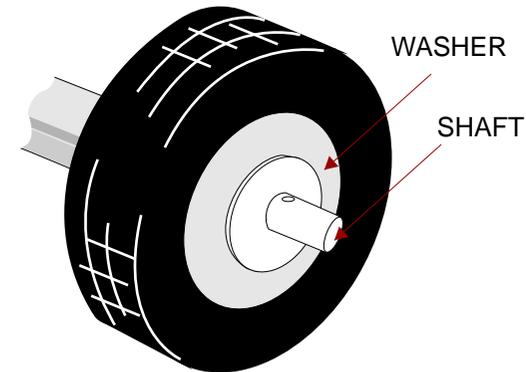
WHY IS IT SUITABLE?:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Name the type of fitting shown below.



METAL: \_\_\_\_\_

4. On the diagram below draw the fitting in position in such a way that it prevents the wheel sliding off the shaft.



Why is a washer used? What would happen if it was not used?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_