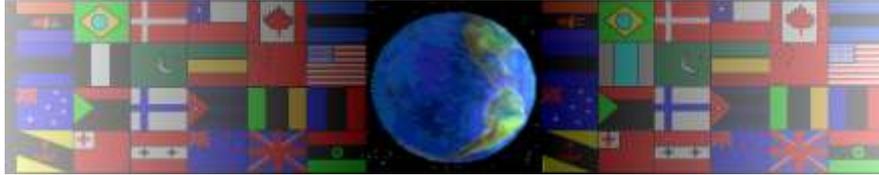


PRINTED CIRCUIT BOARDS (PCBs)

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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) before attempting the design sheet .

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PRINTED CIRCUIT BOARDS (PCBs)

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1. Printed Circuit Boards are an essential part of most modern electronic devices. Describe a typical PCB. Include the following key words / phrases:

Glass Reinforced Plastic - copper tracks - electronic components

2. What are the advantages of designing a circuit on specialist electronics software, rather than building an real prototype circuit. List five advantages.

A.

B.

C.

D.

E.

3. Name a piece of specialist software that is used to design and test electronic circuits.

4. Describe how you have used electronics software to:

DESIGN A CIRCUIT - TEST IT - CONVERT IT TO A PCB

5. Describe an alternative, temporary method, of building and testing a circuit (not using software but using real components).
