

EXAMINATION PREPARATION

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On behalf of The World Association of Technology Teachers

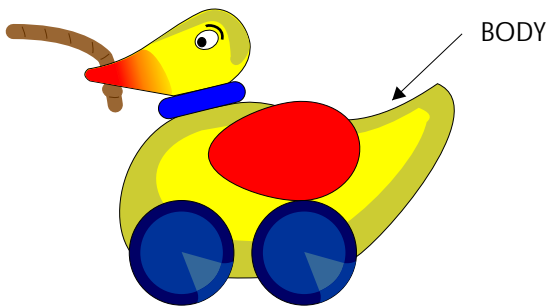
W.A.T.T.



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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1. The toy seen opposite is a mechanical plastic duck. It is broken and unusable.

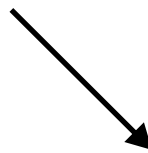
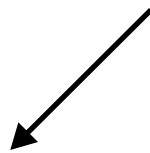
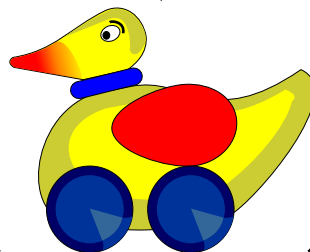
Manufacturers need to consider the impact upon the environment when choosing materials.

Using notes and sketches complete the diagram below to show:

- (i) How could the product be disposed of in an environmentally friendly way?
- (ii) How could the life cycle of the material be extended?

(THE PHRASES AT THE BOTTOM OF THE PAGE MAY HELP YOU)

OIL REFINERY (OIL - RAW MATERIAL)



DISPOSAL IN AN ENVIRONMENTALLY FRIENDLY WAY

EXTENDING LIFE CYCLE OF MATERIAL

DEGRADABLE PLASTICS	RECYCLING	REUSE IN OTHER PRODUCTS	REPAIRED
LANDFILL	INCINERATED	PLACE IN RECYCLING BIN	FIND AN ALTERNATIVE USE
USE OIL DERIVED FROM PLANTS TO MANUFACTURE			