

PRINTING PROCESSES - THE PHOTOCOPIER

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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THE PHOTOCOPIER

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1. The incomplete diagram shows a typical photocopier. Complete the diagram by adding the missing parts and labelling it correctly. The labels are listed below.

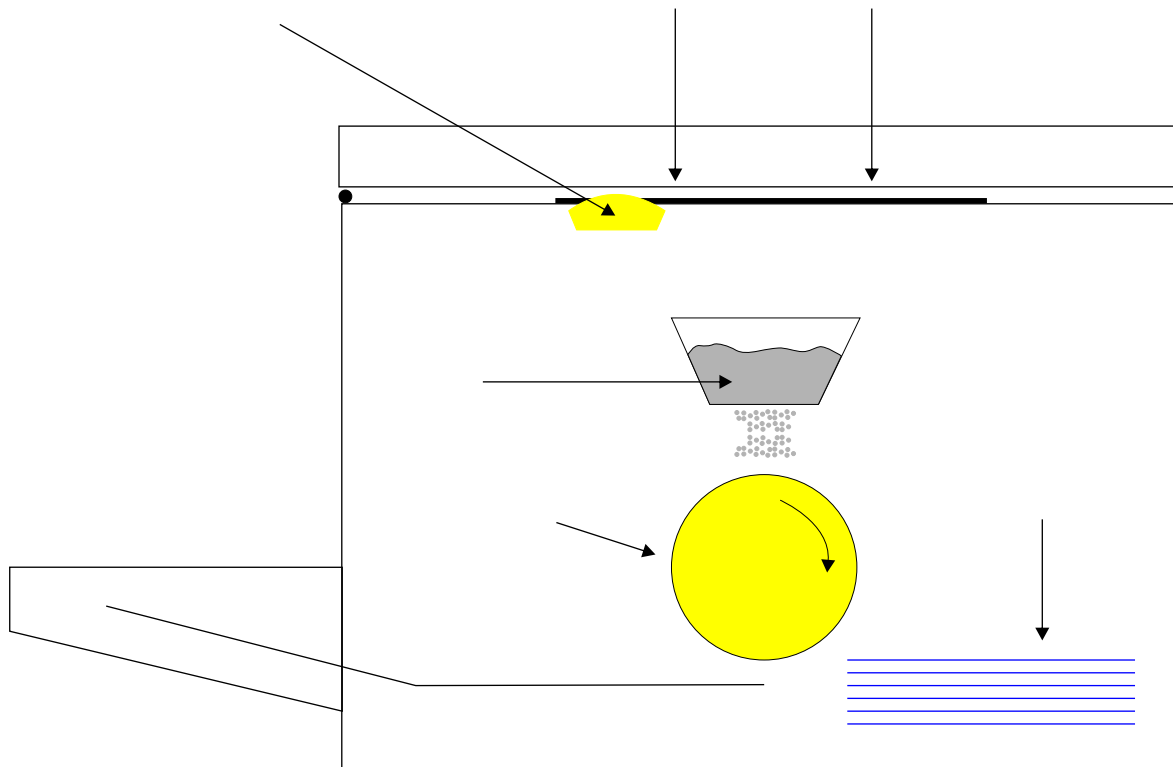
ROTATION
DRUM

TONER

PAPER

MASTER COPY

INTENSE BEAM
OF LIGHT



PHOTOCOPIER IN ACTION

2. The list (A to F) explains how a photocopier works. Complete the explanation by adding the missing words (the missing words are rewritten at the bottom of the page).

A. The _____ copy is placed face down on the glass top of the photocopier.

B. An _____ beam of light runs along the top of the copier shining onto the paper master copy.

C. The light reflects from the _____ surface onto a _____ charged rotation drum and the drum loses its positive charge - only on the illuminated parts of the surface.

D. _____ is attracted onto the remaining positively charged parts of the surface, as the drum rotates.

E. As the drum pulls the copier paper through the machine, the toner is _____ to the paper.

F. The copied master sheet is ejected from the machine. The toner can be seen as it is now text and pictures on the paper.

TONER

TRANSFERRED

INTENSE

MASTER

POSITIVELY

WHITE