



Computers in the

Textiles Industry

What are the main advantages of using computers?

More Efficient

Faster: Reduces the time taken to complete tasks

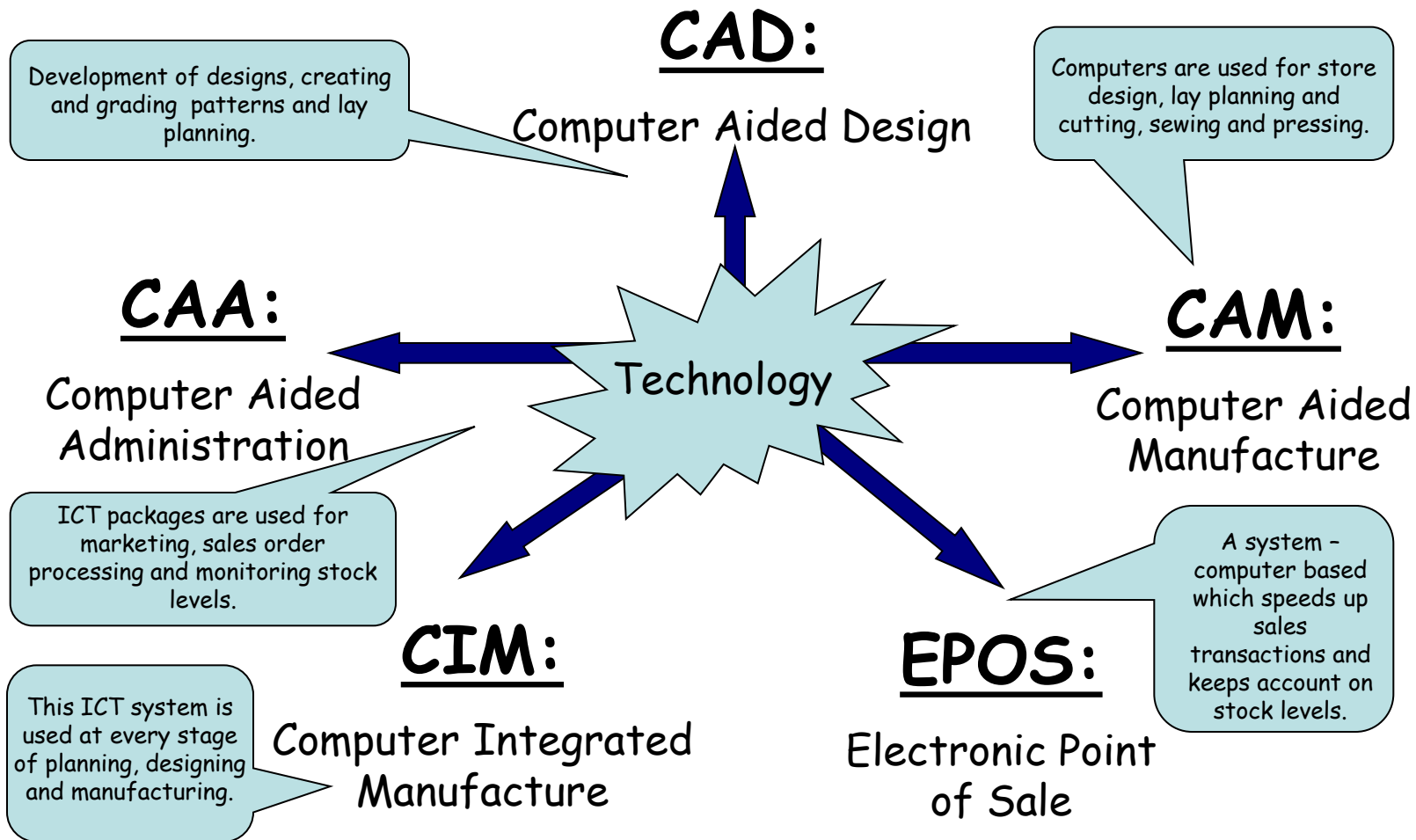
Cheaper: Decreases costs within industry

Provide a simple means on presenting designs/work

Clearer: Improves and clarifies Communication

Duplicating: Reduces repetition

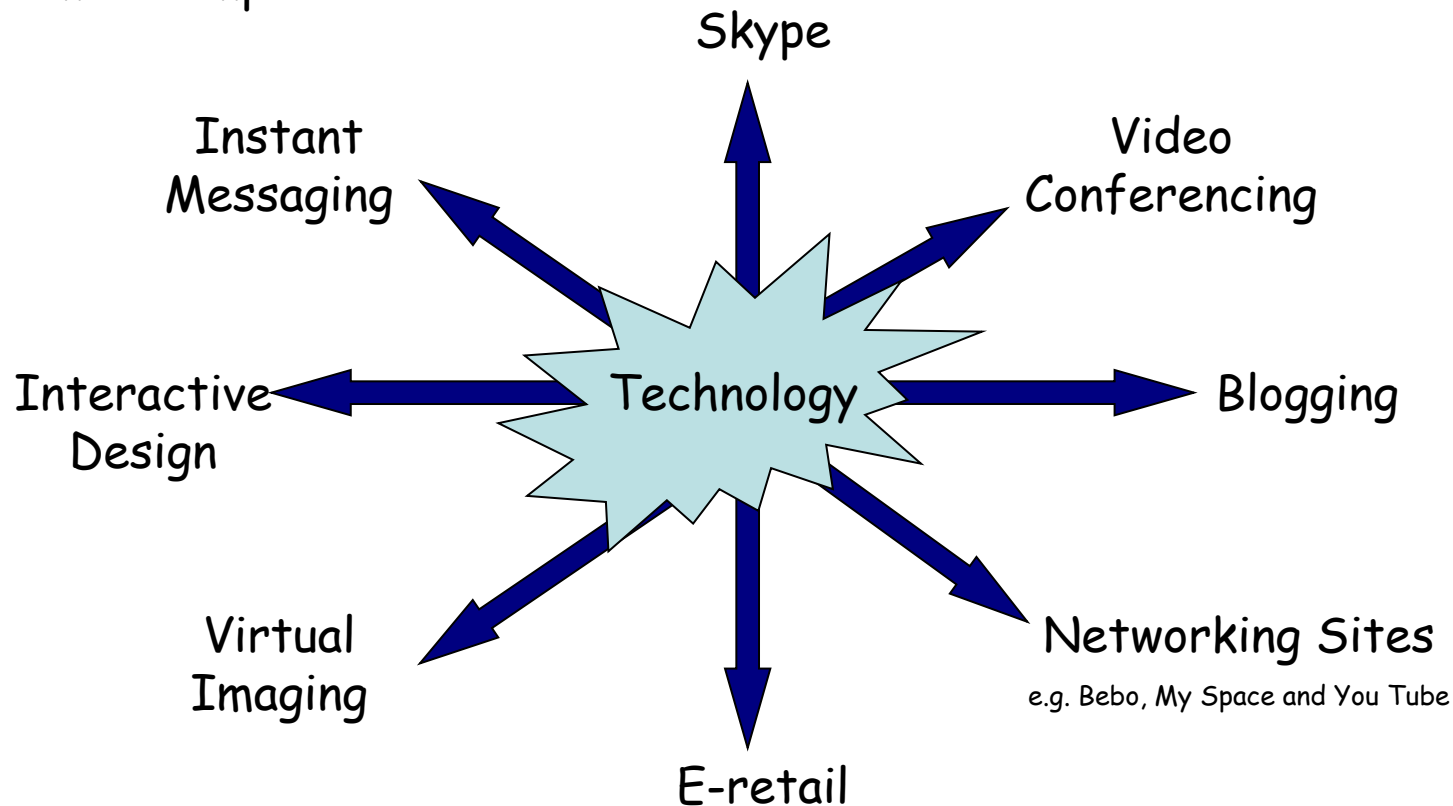
The 5 main examples of computers systems used in the Textile Industry:



Other New Technology?

Companies take advantage of other new technologies.

Some examples are:

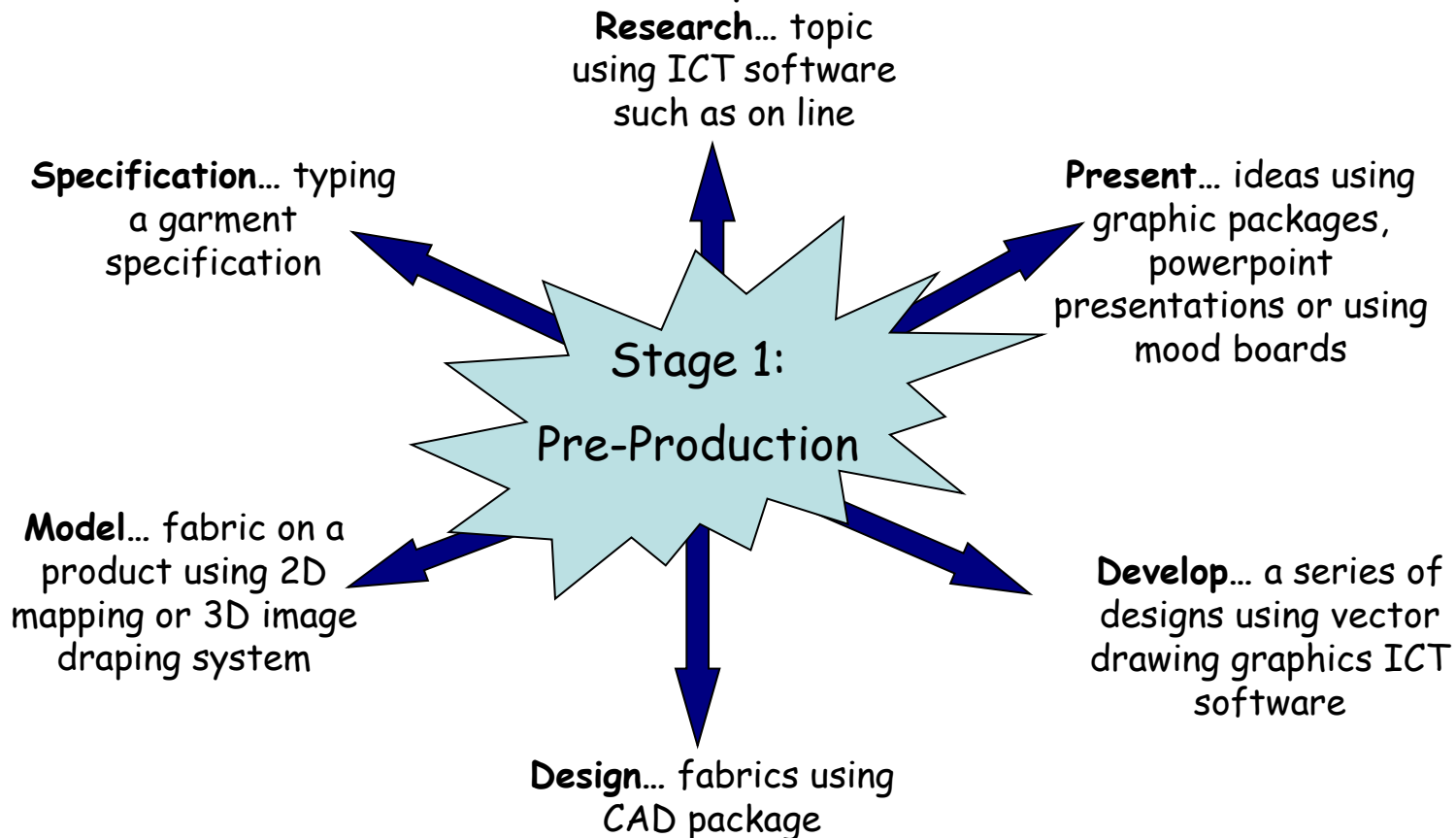


How is ICT used?

STAGE:	PURPOSE:	EXAMPLES:
Research and Presenting	<ul style="list-style-type: none"> • Collecting and recording relevant facts • Using digital imagery 	<ul style="list-style-type: none"> • Internet/email • Graphics Software • Digital Camera • Word Processing Software • Video Conferencing
Design	<ul style="list-style-type: none"> • Creating visual designs • Developing a specification • Creating a prototype • Experimental work 	<ul style="list-style-type: none"> • Graphics Software • Digital Camera • Scanner • Digital Printer • CAD Systems
Manufacturing/Production	<ul style="list-style-type: none"> • Producing patterns • Producing end garments • Controlling machinery • Costings 	<ul style="list-style-type: none"> • Lay planning • Digitisers / Digital Printers • 3D body scanning equipment • Computerised sewing, knitting and weaving machines • EDI (Electronic Data Interchange)
Distribution	<ul style="list-style-type: none"> • Stock control and dispatch systems • Order processing 	<ul style="list-style-type: none"> • Tagging (RFID) • Word Processing / Databases • Spreadsheets • Stock/asset tracking software
Sales	<ul style="list-style-type: none"> • Promoting the product e.g. Advertising • Sales channels e.g. on TV, website/E-tailing • E-Commerce • Security Tagging 	<ul style="list-style-type: none"> • Graphics Software • Word Processing Software • Digital Printer • Digital Camera • EPOS software • PDM Software

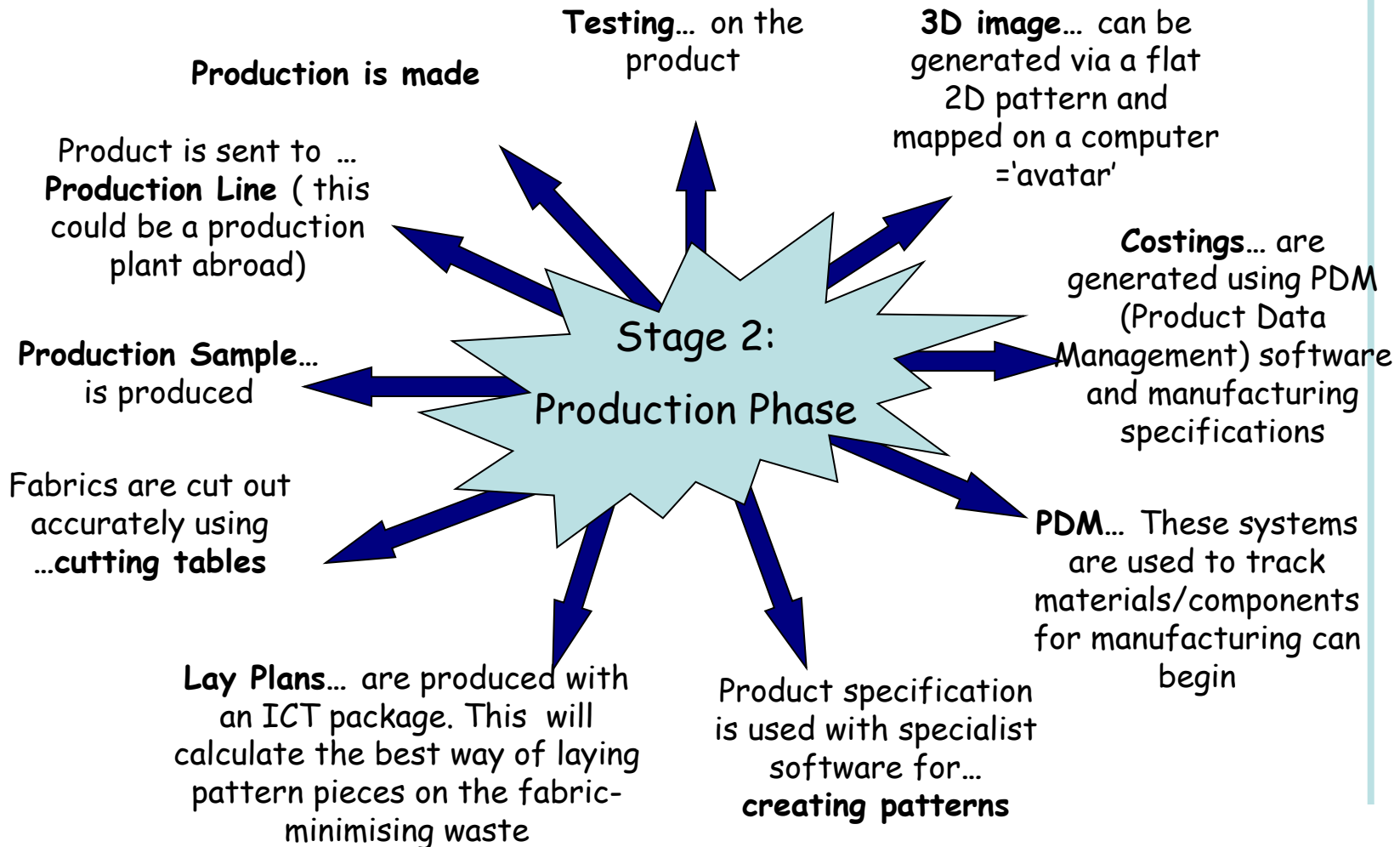
The Three Phases...

There are three main phases to the creation of commercial textiles product. ICT is used in all of these phases:



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