## FLEXIBLE MANUFACTURING SYSTEMS - FMS

On behalf of The World Association of Technology Teachers
W.A.T.T.


## World Association of Technology Teachers

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1. In general, what is Flexible Manufacturing? Include the following terms:

MACHINE FLEXIBILITY ROUTING FLEXIBILITY COMPUTER INTEGRATED MANUFACTURE (CIM)
2. Explain the term Machine Flexibility, in detail, with reference to a specific product / industrial process. Your answer should include a description of a machine/industrial process that can be adapted quickly, for the manufacture of different products. Use notes and diagrams in your explanation.

NOTES:

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3. Explain the term Routing Flexibility, in detail, with reference to a specific product / industrial process. Use notes and diagrams to explain your answer. Remember, Routing Flexibility is concerned with increasing or decreasing the number of units manufactured, quickly and efficiently.

## NOTES:

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## DIAGRAMS

4. Why do companies such as Ford, Peugeot, BMW and Toyota consider Flexible Manufacturing Systems 'FMS' as very important?
