

MECHANISMS INFORMATION / WORKSHEETS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



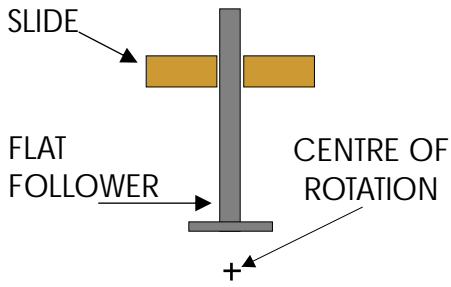
World Association of Technology Teachers

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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ECCENTRIC CAMS

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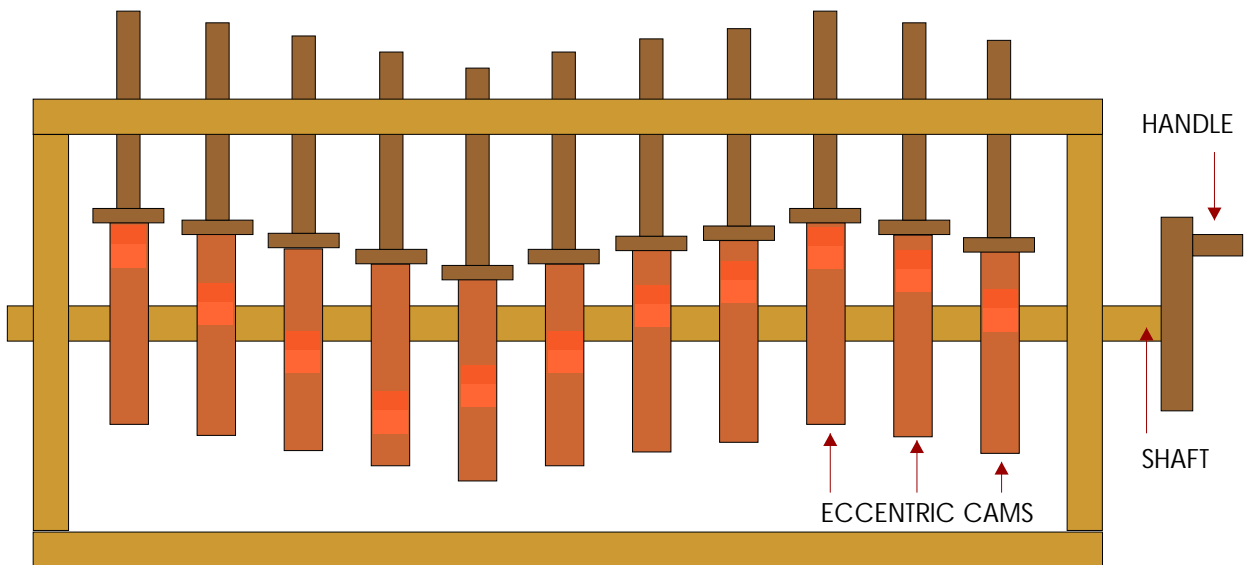
1. Complete the diagram shown opposite by adding a cam that has an eccentric profile.

2. Describe the motion of the follower when an eccentric cam is used.

3. The mechanism below is composed of a number of eccentric cams. As the handle rotates the shaft rotates and also the eccentric cams. The followers rise and fall as a result.

Add a moving device/toy/model to the top of the collection of followers that works as the handle rotates.

Include notes to explain your design and the way it works.



NOTES: _____
