

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

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SWASH PLATE CAMS

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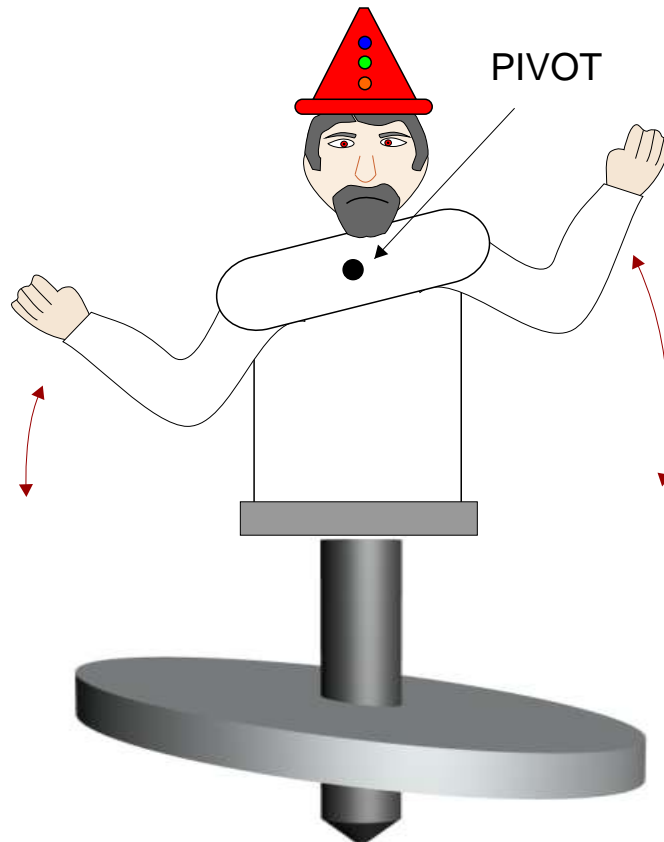
DIAGRAM OF
SWASH PLATE CAM

1. In the space opposite draw a simple example of a swash plate cam. Add notes that explain how this type of cam operates.

NOTES: _____

2. The swash plate cam usually has a 'roller' follower. What would happen if a flat follower was used?

The Theme Park owner has commissioned a model clown. The aim is to frighten younger visitors. A motor spins a swash plate cam and two followers move the clown's arms up and down. The clown is drawn below and the swash plate cam. However, the followers and other parts are missing. Complete the missing diagram by adding all the necessary components. Label the parts/components and add notes that explain how it all works.



NOTES: _____

