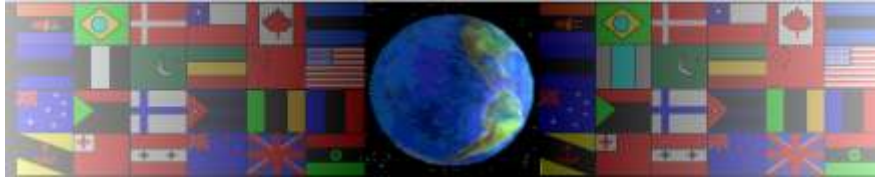


# MECHANISMS INFORMATION / WORKSHEETS

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On behalf of The World Association of Technology Teachers

# W.A.T.T.



World Association of Technology Teachers

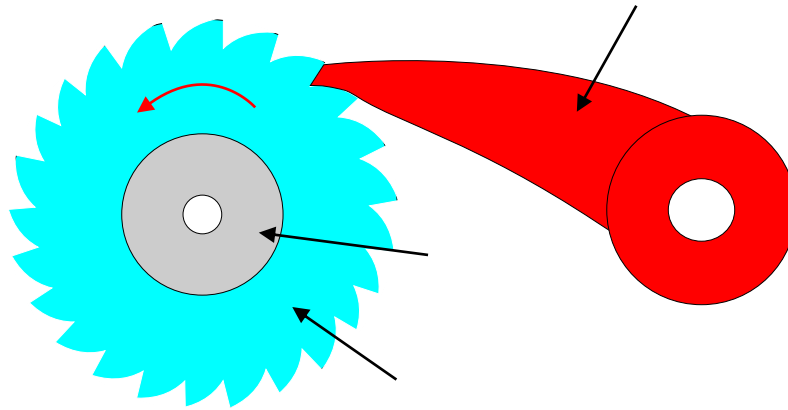
This exercise can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet .

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# RATCHET MECHANISMS

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1. The diagram of a ratchet mechanism seen below is incomplete. Add the missing parts and include labels.

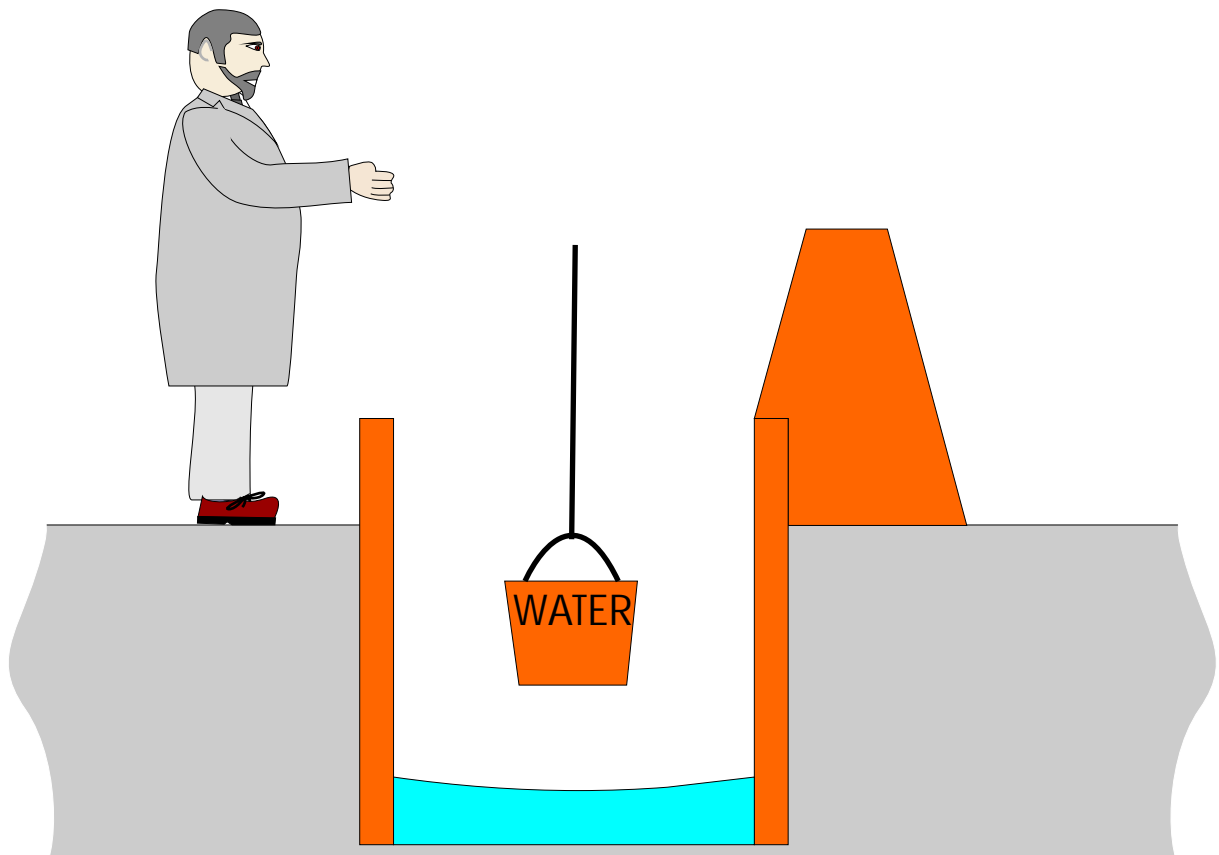


2. In the space below explain how a ratchet mechanism works.

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3. The incomplete diagram below shows a bucket full of water being raised and held in position by a ratchet mechanism. Complete the diagram below by adding the appropriate parts. Add notes to explain how this system works especially how the bucket is held in position while being raised allowing the person to rest.



4. List more practical applications of ratchet mechanisms.

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