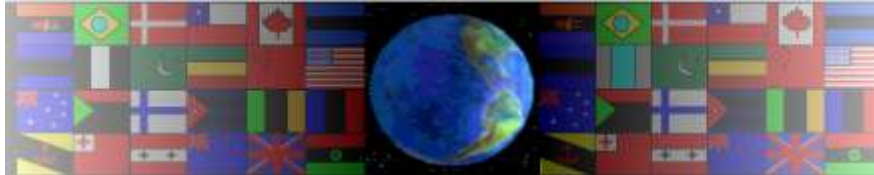


PARABOLIC SOLAR COLLECTORS

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On behalf of The World Association of Technology Teachers

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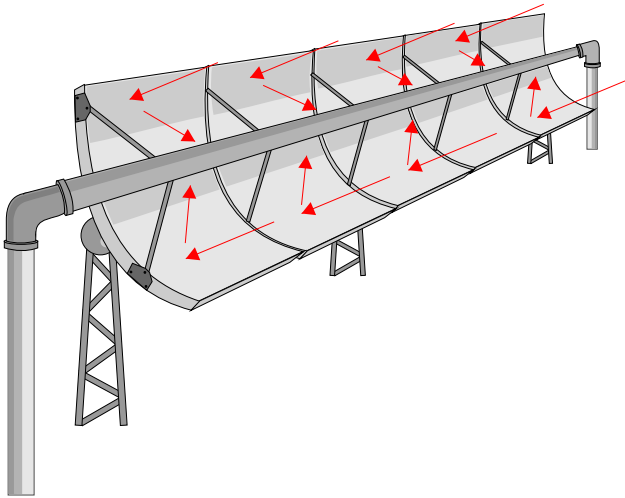
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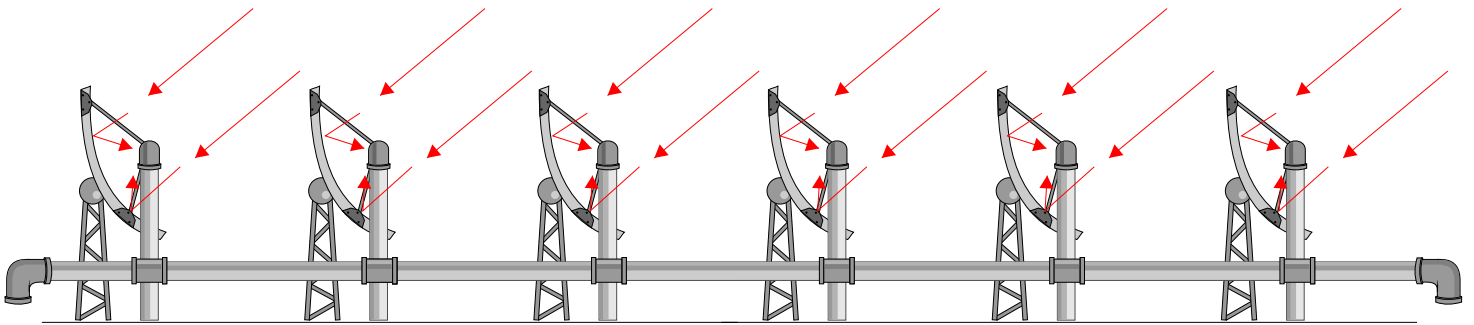
PARABOLIC SOLAR COLLECTORS

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1. A typical parabolic solar collector system, for heating fluids, is seen below. Explain how this type of system works. Add labels to the diagram if you feel this will aid your explanation.



2. A parabolic solar collector system is often used in conjunction with a heat exchanger. Add a heat exchanger to the diagram below.



3. Parabolic collector systems can generate electricity. With the aid of a diagram and notes, explain how electricity can be produced.

DIAGRAM

NOTES
