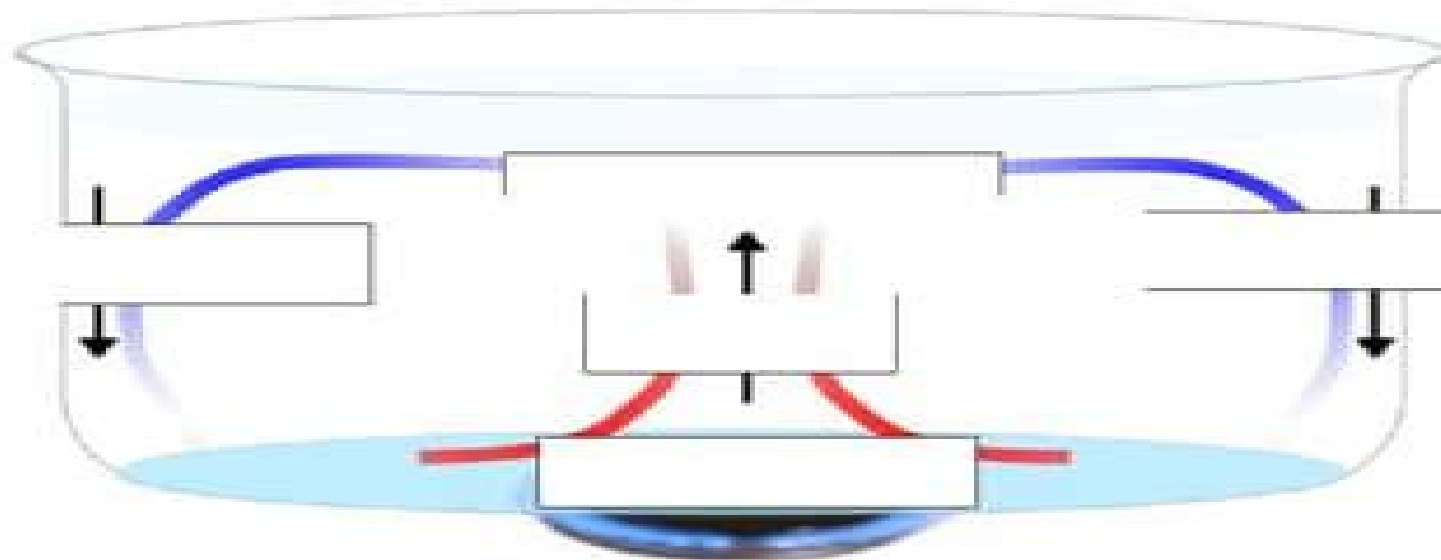


28. How does thermal heat transfer during conduction?

29. How does thermal heat transfer during convection?

30. How does thermal heat transfer during radiation?

31. Label the boxes in the correct sections below: water heats, hot water rises,
water cools, cool water sinks (x2)



This image is an example of _____

Physical Science Ecot Study Guide Energy Transformations

Mark Steyvers



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analyses based on the concept of exergy Presents the physics behind the most important energy converters in a unified framework Evaluates the performance of ideal and realistic energy converters in terms of energy and exergy efficiencies Provides basic concepts needed for a discussion of energy converters such as chemical and applied thermodynamics electrochemistry and solid state physics About the Authors Katharina Krischer is a professor of physics at the Technische Universit t M nchen Germany She has taught lectures on energy sciences for undergraduate and graduate students for more than 10 years Her research topics include the photo electrochemical production of solar fuels Konrad Sch nleber is a researcher in the group of Prof Krischer which he joined after graduating in physics from the Technische Universit t M nchen His research interest focuses on light driven semiconductor electrochemistry and its application for renewable energies

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