

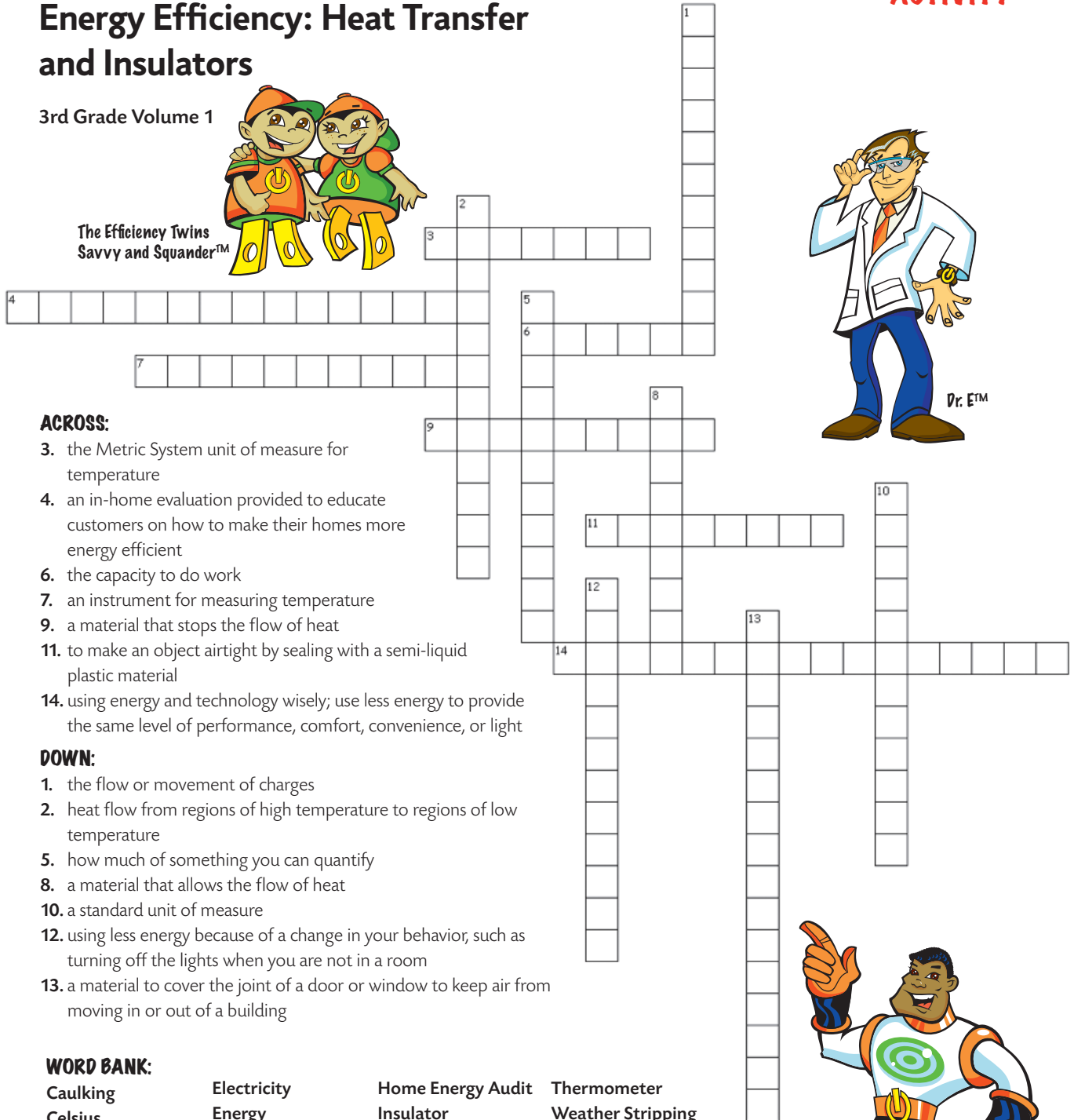
Energy Efficiency: Heat Transfer and Insulators

3rd Grade Volume 1

The Efficiency Twins Savvy and Squander™



Dr. E™



ACROSS:

- 3. the Metric System unit of measure for temperature
- 4. an in-home evaluation provided to educate customers on how to make their homes more energy efficient
- 6. the capacity to do work
- 7. an instrument for measuring temperature
- 9. a material that stops the flow of heat
- 11. to make an object airtight by sealing with a semi-liquid plastic material
- 14. using energy and technology wisely; use less energy to provide the same level of performance, comfort, convenience, or light

DOWN:

- 1. the flow or movement of charges
- 2. heat flow from regions of high temperature to regions of low temperature
- 5. how much of something you can quantify
- 8. a material that allows the flow of heat
- 10. a standard unit of measure
- 12. using less energy because of a change in your behavior; such as turning off the lights when you are not in a room
- 13. a material to cover the joint of a door or window to keep air from moving in or out of a building

WORD BANK:

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|--------------|-------------------|-------------------|-------------------|
| Caulking | Electricity | Home Energy Audit | Thermometer |
| Celsius | Energy | Insulator | Weather Stripping |
| Conductor | Energy Efficiency | Measurement | |
| Conservation | Heat Transfer | Metric System | |



Captain Cautious™