EXIT TICKET 1 *Forms of energy*

NAME _____ CLASS _____

1 Name three forms of energy.

2 What unit is energy measured in?

3 Describe the energy conversion in a torch.

How confident do I feel? 1 2 3 4 5

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EXIT TICKET 2 *Atoms, voltage and current*

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1 Name the three particles in an atom.

2 What is current?

3 What is voltage, and what is it measured in?

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EXIT TICKET 3 *Generating electricity*

NAME _____ CLASS _____

1 Give two renewable energy sources.

2 Why is gas non-renewable?

3 How does burning fossil fuels affect the environment?

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EXIT TICKET 4 *Moving and storing energy*

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1 Give one conductor and one insulator.

2 Why is electricity sent at a high voltage?

3 What is the difference between a cell and a battery?

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EXIT TICKET 5 *Using electricity*

NAME CLASS

1 Name the four jobs electricity does.

2 What is a kWh?

3 Give one way to save energy at home.

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EXIT TICKET 6 — *Controlling electricity*

NAME _____ CLASS _____

1 What does an LDR sense?

2 Draw the symbol for a lamp.

3 Why do engineers simulate circuits?

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EXIT TICKET 6 — *Controlling electricity*

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EXIT TICKET 7 — *Resistance and the multimeter*

NAME _____ CLASS _____

1 What is resistance measured in?

2 Does a thin wire have more or less resistance?

3 Red, red, brown = ? Ω

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EXIT TICKET 7 — *Resistance and the multimeter*

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EXIT TICKET 8 *Series and parallel*

NAME _____ CLASS _____

1 R_T of 10 Ω + 20 Ω in series?

2 R_T of 10 Ω and 10 Ω in parallel?

3 Why are house lights wired in parallel?

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EXIT TICKET 9 — *Soldering and the torch*

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1 Give two soldering safety rules.

2 Which LED leg is positive?

3 Why does the torch need a resistor?

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