8th Grade Science Name:

**Energy Quest – Defining Energy**  Period:

**Energy Tree Diagram**

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| http://www.thestickerfamily.com.au/assets/full/B3.jpgDraw an energy tree diagram to represent what happens with energy during an interaction that involves you on something with wheels. | **Making an Energy Tree**Energy tree diagrams show thetypes of energy and energytransfers involved in interactions.In energy tree diagrams:• **Ovals** indicate the *form of**energy,* such as kinetic energyor heat energy. There is alist of forms of energy on the **Introduction to Energy** handout.• **Arrows** indicate the *transfer**of energy* from one type toanother type.• **Descriptions** explain the *event*linked to the energy transfer.Here is an example for a moving car:Screen Shot 2014-11-05 at 5.54.56 PM.png |