**Doodle Sheet: Energy and food**

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| A. Diagram showing the rearrangement of food: | | B. Reactants and Products (my ideas): |
| C. Group and Class Ideas about Reactants and Products: | D. Our Driving Question: | |
| E. Fuels:  What do they have in common?  In terms of matter:  In terms of energy: | | |

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| F. What is burning?  Other reactants:  Likely Products:  Definition and Equation: | G. What happens when we eat food?  My ideas:  My questions: |
| H. Our Refined Driving Question: | |
| I. What happens when we exercise? | |
| J. Break it down:  1. Carbohydrates break down into:  2. Fats break down into:  3. Proteins break down into: | K. Which is our fuel and why? |
| L. The reaction: | |
| M. Problems with energy: | N. Possible solution: |
| O. Ideas to add: | P. Class version: |
| Q. All living things  Unity and Diversity: | |
| R. Summary of what we figured out about why organisms need food:  What questions or wonderings do we still have about why organisms need food? | |