PE DIAGRAMS: THE CATALYST

# Activity 2: Create a catalyst analogy

*Choose 1 of the following tasks to do to represent/show your understanding of a catalyst. You may work alone or in a small group.*

1. ACT IT OUT: Act out the role a catalyst would play in a reaction or situation. Think about how a catalyst in your skit would act. You must incorporate an explanation/narration of the role a **catalyst** plays in your skit and how it relates to potential energy diagrams. (Perhaps your skit will have audience participation, in which they will have to decide who the catalyst was or a map to a treasure that happens to look like a potential energy diagram.)

2. WRITE IT OUT: Tell a story of a character that follows the pathway of a potential energy diagram and the influence a **catalyst** would have on this character's journey.

3. DRAW IT OUT: Draw a comic strip or a series of pictures that represents the role of a catalyst. Be sure to find a way to include a potential energy diagram and the effects a **catalyst** has on it.

Example that can go with any activity… A boy who has to climb up a mountain (the potential energy diagram curve) finds a tunnel through the center of the mountain (the catalyst pathway).

BE CREATIVE, BUT MAKE SURE IT RELATES TO THE DEFINITION AND ROLE OF A CATALYST.