**Principles of Team Dynamics Activity**

**Tools and Equipment**

* Scissors
* construction paper
* glue
* crayons

**Key Terms / Vocabulary.**

* Inventory
* Quality control
* Team work
* Leadership
* Organization skills
* Inventory
* Quality control
* Estimated time of delivery

**Interest Approach/Anticipatory Set**.

 How will your team set up your project? How will you manage your daily operations?

**Teaching Plan and Strategy / Presentation of New Material**

1. split class into teams of four or five students each. Each team will pick a team leader

 2. each team will discuss strategy for producing vehicles

**Activity/Application/ Student Engagement /Laboratory**

Students will develop a design of a new vehicle (or any product will do as long it has several parts that will need to be assembled). Using crayons, glue, construction and scissors student will build as many vehicles using one set design. They must put an engine, wheels, and paint on each vehicle. Students can get as elaborate or as simple as they want. The more detailed the more points for each vehicle. The student use existing materials to also build a transport system such as a box to transport vehicles in. students will build as many vehicles as they can with the materials and transport them to a judging station. They will be awarded points based on the quality and quantity of the vehicles. Group with the highest number of points wins.

**Evaluation / Summary**

Students must work together to find the solutions to the following problems. How many vehicles will the team build, what design will be used, how much martial will be used to build the transport system. Once construction starts each member of the team must do the job they are assigned to do or production slows down. The path that most teams will come to agree upon is that each team member will have a portion of the vehicle to put together. For instance, one member might cut out wheels, and another might color the bodies with one doing quality control. The object is to let students experiment with it even try working as individuals but eventually to see the advantage of working in teams