

Group #1 Names:

Group #2 Names:

Period: _____

Date: _____

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The World Famous Game of ENGINE-ODOLOGY®

A Basic Engine Parts & Cycles Review Game

1. Create 2 groups of 2 or 3 each and list all names above. Every student is part of an even number of groups. 1 sheet per 2 teams.
2. Place 2 tables together and arrange each team on opposite long sides of the 2 tables.
3. Group 1 asks Group 2 any question number on the Unit Study Guide **OR** the Air Density Sheet. You have 30 seconds to ask a question.
4. Group 2 can answer the question **without any resources** like notes, papers, or book and **earn 2 points** if their answer is correct **OR** they can go for **1 point and use available resources**. **Group 2 must choose to go for 1 point or 2 points before answering.**
5. Both Group 1 and Group 2 must agree on the correct answers. Instructor will help clear any fog on correct answers to any question after other available resources have been exhausted.
6. **Play fairly and honestly and have fun learning and reviewing.**
7. Points are recorded in the spaces below.
8. Group 2 then asks Group 1 a question and the roles are reversed and go back and forth.
9. **DOUBLE ENGINE-ODOLOGY:** Both Groups game back and forth in an even manner until the last 5 to 10 minutes (as determined by instructor) and then **DOUBLE ENGINE-ODOLOGY** (do do doooo) takes place for the remainder of the time available. Points are now 2 points with resources and 4 point without resources.
10. **FINAL ENGINE-ODOLOGY** takes place right at the end.
 - a. The instructor asks one big final engine part or cycle question that **may or may not** be on the handouts.
 - b. Before the question is asked each team must write down on a different piece of paper without the other team seeing how many of their current points they want to wager and place it facedown on the table.
 - c. Then each team must write down their answer on another sheet without the other Group seeing their answer using **NO** available resources other than their brains. Groups can work together writing but no talking.
 - d. When 30 seconds is done each team shows their answer to the other team and the instructor says the correct answer. Teams with correct answers get their wager. Teams with incorrect answers lose their wager. Final scores are tallied.
11. The game is then complete. Both teams make sure the scores and names are accurately recorded on this sheet below and above. Break ties with a coin flip. Congratulations to the learners. Circle the winning team's final score below.

	Group # 1 Scoring:	Group # 2 Scoring:
ENGINE-ODOLOGY points:		
DOUBLE ENGINE-ODOLOGY points:		
Total Points Before Finals:		
Wager for FINAL ENGINE-ODOLOGY:		
Points WON in FINALS:		
GRAND TOTALS:		