

Automotive research assignment

Timeline
Macbook Cart A for Friday Block A
Macbook Cart B for Tuesday Block A
Groups of 2 students (or 1 if you want to work alone) – 2 classes to work on – 1 class to present – presentation day is Thursday January 26, 2017



Your job is to research a specific system or common part of a vehicle and create a minimum 5 minute presentation for the class to share what you have learned. Use Power point to create your slides.

The part/system will be picked at random and no groups will be covering the same topic. Groups are only to be 2 people

****If you show a video created by someone else (youtube, etc) that does not count as part of your 5 minutes.**

Points to cover in your presentation:

- History of the part. How has it improved over the last 50-100 years
- Is this part special to the vehicle or is it used in all vehicles in one way or another?
- What is it's function in the vehicle?
- How it works.
- Can you fix it if it breaks or do you usually just replace the part?
 - What would the average repair/replacement time be in a real automotive shop? Pick a real vehicle to use as your example. You will need to look this information up on AllData or a service manual for the vehicle.
- Is this a part you can replace easily in your driveway or do you need speciality equipment to service it?
- Anything else you feel is relevant!

Your Presentation should:

- Look professional
- Be free from spelling errors
- Include pictures/diagrams that you can explain, and you shouldn't read the all the words directly from your presentation (spoken, not read).
- Explain in detail the slide itself and "teach" the class about your topic.
- Not be boring!

Scoring Rubric for Auto system/parts presentation:

Group Members: _____ Block: _____

PRESENCE	5	4	3	2	1	0
-body language & eye contact						
-contact with the public						
-poise						
-physical organization						
LANGUAGE SKILLS	5	4	3	2	1	0
-correct usage						
-appropriate vocabulary and grammar						
-understandable (rhythm, intonation, accent)						
-spoken loud enough to hear easily						
ORGANIZATION	5	4	3	2	1	0
-clear objectives						
-logical structure						
-signposting						
MASTERY OF THE SUBJECT	5	4	3	2	1	0
-pertinence						
-depth of commentary						
-spoken, not read						
-able to answer questions						
VISUAL AIDS	5	4	3	2	1	0
-transparencies, slides						
-handouts						
-audio, video, etc.						
OVERALL IMPRESSION	5	4	3	2	1	0
-very interesting / very boring						
-pleasant / unpleasant to listen to						
-very good / poor communication						

TOTAL SCORE ____ /