

13th September 2019

Debate

Aims:

- Debating about Industry 4.0 and a sustainable world

You should read the instructions for the debate carefully.

1. The debates usually have a topic to discuss about in a structured dialogue: The proposed topics are:

Teams	Topic
1 and 6	Are the improvements done by Navantia factory on the way of a 4.0 Industry revolution that would help to the economical and environmental sustainability of the Bay of Cadiz?
2 and 7	Are the solar or biodiesel energy resources suitable for the sustainability of the transport of woods and citizens?
3 and 8	Is research about renewable energies a milestone for the 4.0 Industry revolution?
4 and 9	Is possible the coexistence of an Industrial zone and a Tourist zone with the sustainability of a natural park?
5 and 10	Does the science, mathematics and technology learned at school enough for the 4.0 Industrial revolution?

2. There are two sides to any debate: affirmative and negative. By chance the affirmative and negative will be assigned to each pair of teams.
3. As a team you should prepare the debate.
 - a. Look carefully that you understand the topic that you have to debate about.
 - b. Make sure you know all the vocabulary.
 - c. Prepare the strategy for winning the debate:
 - i. orators





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- ii. introduction to your arguments
- iii. your arguments
- iv. the possible arguments of the other team
- v. the rebuttal to the arguments of the other team
- vi. the summary and conclusion

4. The debate will have this structure:

- Presentation of the introduction and arguments of the team with affirmative answer (2')
- Presentation of the introduction and arguments of the team with negative answer (2')
- Rebuttal of the team with negative answer to the affirmative arguments (1')
- Rebuttal of the team with positive answer to the negative arguments (1')
- Conclusion of the team with affirmative answer (30'')
- Conclusion of the team with negative answer (30'')

5. Finally, the audience will make a judgement and vote for:

- a. the team with the best argument,
- b. who communicated the ideas more clearly,
- c. who refuted the opponents' arguments best.

