

## Task 3

3 students

Topic: Science and Technology

Text: Cartoon

Student A

*Wind Energy*

With your partners you are preparing a presentation on "wind energy" and you have decided to start your presentation with a cartoon.

You and your partners have received a cartoon each.

You have 20 minutes to prepare your tasks.

You may use a monolingual and a bilingual dictionary.

Do not talk to your partners while preparing your tasks.

## 1. Talking on your own (about 3-5 minutes)

Describe your cartoon to your partners and state its message.

(If necessary, talk about the problems you have understanding the cartoon)

## 2. Talking together (about 10-15 minutes)

Together with your partners, discuss which cartoon is the best suitable choice for your presentation.

Refer to the quality and the message of each cartoon as well as to the aspects you want to focus on in your presentation. Try to come to an agreement at the end of your discussion.

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<http://www.radicalgreenwatch.com/a/6a01538f1adeb1970b01539248a8fa970b-500wi/index.jpg>  
[12.02.14]

## Task 3

3 students

Topic: Science and Technology

Text: Cartoon

Student B

*Wind Energy*

With your partners you are preparing a presentation on "wind energy" and you have decided to start your presentation with a cartoon.

You and your partners have received a cartoon each.

You have 20 minutes to prepare your tasks.

You may use a monolingual and a bilingual dictionary.

Do not talk to your partners while preparing your tasks.

## 1. Talking on your own (about 3-5 minutes)

Describe your cartoon to your partners and state its message.

(If necessary, talk about the problems you have understanding the cartoon)

## 2. Talking together (about 10-15 minutes)

Together with your partners, discuss which cartoon is the best suitable choice for your presentation.

Refer to the quality and the message of each cartoon as well as to the aspects you want to focus on in your presentation. Try to come to an agreement at the end of your discussion.

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[12.02.14]

## Task 3

3 students

Topic: Science and Technology

Text: Cartoon

Student C

*Wind Energy*

With your partners you are preparing a presentation on "wind energy" and you have decided to start your presentation with a cartoon.

You and your partners have received a cartoon each.

You have 20 minutes to prepare your tasks.

You may use a monolingual and a bilingual dictionary.

Do not talk to your partners.

## 1. Talking on your own (about 3-5 minutes)

Describe your cartoon to your partners and state its message.

(If necessary, talk about the problems you have understanding the cartoon)

## 2. Talking together (about 10-15 minutes)

Together with your partners, discuss which cartoon is the best suitable choice for your presentation.

Refer to the quality and the message of each cartoon as well as to the aspects you want to focus on in your presentation.

Try to come to an agreement at the end of your discussion.

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[http://daryanenergyblog.files.wordpress.com/2012/08/wind\\_farm\\_cartoons2.png](http://daryanenergyblog.files.wordpress.com/2012/08/wind_farm_cartoons2.png) [12.02.14]

*Reference to the first four drawings: nuclear power station, oil rig, coal mine, wind turbine*

## Aufgabenspezifische Erwartungen an den Inhalt

(Fettdruck = Note 4)

## 1. Talking on your own

Detailed description of cartoons and adequate interpretation:

Student A

cartoon consists of one drawing and two speech bubbles

- background: three wind turbines on the left, a coal and gas powered station on the right
- wind turbines covered with large spider webs
- spider coming down from one of the turbines
- turbines have obviously been out of order for some time
- coal and gas powered station produces large clouds of water vapour
- clouds provide sharp contrast to the blue sky
- foreground: two men ; man on the left is looking up to the blades of the wind turbines
- seems to be frustrated/worried
- text in speech bubble explains why: turbines have stopped turning → do not generate energy/electricity

- other man looks satisfied and tells the other one: no need to worry because the coal and gas powered station are reliable/ will never stop

Message: All forms of energy have advantages and disadvantages. Wind energy: clean and renewable form of energy but in contrast to conventional power stations wind turbines are unreliable because the blades stop turning when there is not enough wind.

#### Student B

cartoon consists of one drawing

- background: a solar panel and wind turbine factory with eight chimneys producing a lot of thick black smoke which pollutes the air
- smoke provides a sharp contrast to the blue sky
- foreground: lawn and large sign with smiling sun
- sign: "Solar and Wind Turbine Factory — 'Doing our part for a clean energy future!'"
- slogan and sign: sharp contrast to black smoke
- slogan: ironic

Message: Renewable energies also harm the environment - to produce clean energy wind turbines and solar panels are needed which are produced in factories.

Steel, concrete, aluminum and other materials have to be made: energy intensive processes generally involving fossil fuels

#### Student C

cartoon consists of four drawings and a heading

- "Arguments Against —" cartoon is meant to point out arguments against different forms of energy
- first drawing shows accident at nuclear power station: huge explosion polluting the environment
- second drawing: accident on an off-shore oil rig: black smoke polluting the air and going to pollute sea and beach; fish and other animals may also be affected by the accident
- third drawing: coal mine and black smoke polluting the air, entrance to mine blocked by large rocks — if there are miners inside they will most probably be dead.
- smoke from inside the coal mine; crosses on the left: a lot of people have already lost their lives e. g. in the coal mine / as an effect of air pollution — dangerous workplace/energy
- fourth drawing: wind turbine and man saying: "It's in my backyard!" — man is furious because the turbine is in his backyard: spoils the beauty of his backyard / is noisy

Message: There are arguments against all forms of energy, but in contrast to nuclear power stations, oil rigs or coal mines wind turbines do not pollute the environment → no serious danger to humans or animals, generate clean energy, accidents are unlikely to happen.

Offending some people's aesthetic sensibility: seen as a minor problem.

## 2. Talking together

Alle Schülerinnen und Schüler:

- vergleichen ihre Cartoons hinsichtlich ihrer "messages" / erkennen Unterschiede
- tauschen sich über die wesentlichen Aspekte zum Thema „wind energy“ aus (advantages and disadvantages)
- einigen sich bzgl. der Aspekte, die bei ihrer Präsentation im Mittelpunkt stehen sollen und begründen ihre Entscheidung
- einigen sich auf einen Cartoon und begründen ihre Wahl im Hinblick auf die thematische Ausrichtung ihrer Präsentation