

# Teacher Quiz – Climate Change

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name of course Facilitator: \_\_\_\_\_ Is this your pre-, post- or follow up quiz? \_\_\_\_\_

Venue/place where the course took place: \_\_\_\_\_

The aim of the quiz is to test your knowledge at 3 different stages:

- before you attend the training workshop
- immediately after the training, and
- 3 months after attending the training

This will help us to assess the effectiveness of the training and whether the learning taking place is continued to be applied and developed further by teachers in their work.

The quiz covers 4 categories of knowledge:

1. Biodiversity
2. Teaching Practice
3. Assessment Practice
4. Curriculum (CAPS)

The quiz **does not** contribute to your results for the workshop or towards your achievement of Professional Development Points.

Please note that the results of the quiz are totally confidential and are for research purposes only. Your name or details will not be linked to quiz results in any way in the analysis or presentation of the results.

NB: Please also complete the profile form your quiz result

Question 1 of 18

## 1. Question

1 points

Category: Teaching Practice

Which of the following is NOT a good teaching practice? (Click once on the correct answer and then click next)

1.  Listening with intent
2.  Reading and writing to learn
3.  Expecting all learners to learn in the same manner

Question 2 of 18

## 2. Question

1 points

Category: Teaching Practice

Active Learning is...

- Getting your learners to exercise during lessons
- Encouraging learners to work together to explore and investigate the local environment
- Learning that results in action-taking

Question 3 of 18

## 3. Question

1 points

Category: Teaching Practice

Developing critical and creative thinking skills is important because:

- Environmental issues are complex and contested so learners need to engage critically with these issues
- Creativity will solve all the world's problems
- Most learners do not yet know how to think properly

Question 4 of 18

## 4. Question

1 points

Category: Teaching Practice

Doing a presentation or talk on a topic is a useful teaching method because:

- Learners have no prior knowledge
- Teachers should provide learners with some content knowledge
- It keeps the learners disciplined

Question 5 of 18

## 5. Question

1 points

Category: Teaching Practice

Guided Questioning is:

- Using probing and often quite structured questions to stimulate learners to think for themselves
- Encouraging learners to ask lots of questions
- Not a very useful teaching method

Question 6 of 18

### 6. Question

1 points

Category: Assessment Practice

Assessment in CAPS is both formative and summative.

1.  True
2.  False

Question 7 of 18

### 7. Question

1 points

Category: Assessment Practice

What are the 3 different types of assessment prescribed in CAPS?

1.  Observations, oral presentations and exams
2.  Tests, Examinations and Project-based assessment
3.  Portfolio of evidence, tests and quizzes

Question 8 of 18

### 8. Question

1 points

Category: Assessment Practice

'Assessment for learning':

1.  Usually takes place at the end of a period of work
2.  Is typically used for promotion and certification purposes
3.  Takes note of learners' needs and is developmental

Question 9 of 18

### 9. Question

1 points

Category: Assessment Practice

Assessment is an integral part of the learning process and teachers therefore need to:

1.  Undertake assessment only at the end of a period of learning
2.  Integrate assessment into their teaching and learning plans
3.  Conduct assessment before, during and after every single learning activity

Question 10 of 18

### 10. Question

1 points

Category: Assessment Practice

Feedback is a critically important dimension of assessment and learning.

1.  True
2.  False

Question 11 of 18

### 11. Question

7 points

Category: Curriculum

Select the 7 CAPS Principles in the list below: (Clicking on a sentence once selects it)

1.  Social transformation
2.  Democracy
3.  Active and critical thinking
4.  High knowledge and high skills
5.  Black economic empowerment
6.  Progression
7.  Human rights, inclusivity, environmental and social justice
8.  Reconstruction of the economy
9.  Valuing indigenous knowledge systems
10.  Credibility, quality and efficiency
11.  Reduce juvenile crime

Question 12 of 18

### 12. Question

1 points

Category: Climate Change

What is climate change?

1.  Changes to the climate caused by changes in the activity of the sun.
2.  Lasting changes in long-term weather patterns caused by both human activities and natural phenomena.
3.  An increase in droughts in regions throughout the world.

Question 13 of 18

### 13. Question

1 points

Category: Climate Change

The Greenhouse Effect is:

- Gases in the atmosphere absorb, reflect and re-radiate energy in the climate system.
- The effect on the climate caused by too many greenhouses used in agriculture.
- Caused by the over-supply of oxygen in the atmosphere.

Question 14 of 18

### 14. Question

3 points

Category: Climate Change

Choose the 3 items in the list that are Greenhouse Gases:

- Oxygen
- Carbon dioxide
- Nitrogen
- Methane
- Water vapour
- Hydrogen

Question 15 of 18

### 15. Question

1 points

Category: Climate Change

Is the following statement true or false? Energy from the sun enters the Earth System in the form of short-wave radiation.

- True
- False

Question 16 of 18

### 16. Question

4 points

Category: Climate Change

Choose the 4 human activities that are drivers of Climate Change:

1.  Coal-based electricity generation
2.  Organic farming
3.  Renewable energy (e.g. wind)
4.  Dairy farming
5.  Cars that use fossil fuels
6.  Timber plantations
7.  Air travel

Question 17 of 18

### 17. Question

2 points

Category: Climate Change

Complete the sentences:

The climate change response has up to now been contextualised and framed using two approaches.  
\_\_\_\_\_ is used in association with responses that enable people to live with or cope with climate stress and change while \_\_\_\_\_ refers to those activities that reduce or remove those factors or activities that are causing or driving climate change.

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### 18. Question

1 points

Category: Climate Change

The Clean Development Mechanism (CDM) is a system under:

1.  The Ramsar Convention
2.  The Kyoto Protocol
3.  The Tbilisi Conference