

Theory of Knowledge Assessment

40 marks

The Essay

You have separate information on this.

20 marks

The Presentation

Approximately 10 minutes per student.

Each student will be assessed on...

- their presentation to the class or panel
- a written self-evaluation report, including:
 - a concise description of the presentation
 - answers to the questions provided on the form

Presentation topics

The topic must be relevant to TOK, and be one that can meet the assessment criteria.

The topic must be agreed with your ToK teacher.

You must concentrate on “Knowledge Issues”.

Presentation format

Presentations may take many forms, eg:

- ~ lectures,
- ~ skits,
- ~ simulations,
- ~ games,
- ~ dramatized readings,
- ~ interviews,
- ~ debates.

They can use:

- ~ videos,
- ~ overhead projections,
- ~ posters,
- ~ questionnaires,
- ~ cassettes of songs,
- ~ interviews,
- ~ costumes or props.

Presentations cannot be an essay read aloud to the class.

Self-Evaluation Report

You will complete a form like the one on page 7 of this booklet for your self-evaluation.

You must include a brief description of your presentation and answer the following questions:

- In what ways did the topic address problems of knowledge, such as reaching truth or gaining evidence?
- What was the main objective of the presentation? Explain briefly.
- What methods were used to present the topic and why were these methods selected?
- Was the presentation well-organized, thought-provoking & engaging?
- If a group presentation, what was your personal contribution?
- What were the strong and weak points of the presentation? If you were to do it again, what, if anything, would you do differently to improve it?

Miscellaneous Points:

- Topics cannot be repeated. You can't do the same as someone else.
- There will be time for discussion afterwards – so make it interesting. Make people think!
- Students **may** make related individual presentations or interactive group presentations, but these must be long enough to allow each student to present work that applies to **ALL FOUR assessment criteria**. In a group presentation all students are expected make a contribution and to participate actively. It must be absolutely clear who has done what.

Assessment Descriptors

Your ToK teacher will assess your Presentation on **four** criteria. In your folder you have the descriptors. The sections below try to show what we are looking for...

Criterion A: Knowledge Issue(s)

Maximum 5 points

* The general questions are:

- ☞ whether the problem(s) of knowledge appropriate to the topic were recognized & understood, and
- ☞ whether your ideas were developed in a relevant and imaginative way.

* The phrase 'problems of knowledge' refers to:

- ☞ possible uncertainties,
- ☞ biases, and
- ☞ limitations,

both in terms of knowledge & the methods of verification/justification used in different Areas of Knowledge.

* Maximum points can be awarded if:

- ☞ there is excellent recognition & understanding of the problem(s) of knowledge appropriate to the given topic,
- ☞ the development of your ideas is consistently relevant to ToK,
- ☞ your presentation is highly imaginative, and
- ☞ it reflects original thinking.

Criterion B: Quality of Analysis

Maximum 5 points

* The general question is:

- ☞ whether the analysis of the topic and the treatment of divergent points of view shows critical reflection and insight in addressing the problem(s) of knowledge.

* Maximum points can be awarded if:

- ☞ you demonstrate an excellent level of critical reflection and insight into the analysis of the topic and the treatment of divergent points of view,
- ☞ the presentation thoroughly engages with the issues (taking into account time constraints),
- ☞ relevant personal viewpoints, values & biases are explicitly recognized and other views are fully acknowledged,
- ☞ arguments are valid logically, main points are evaluated & cogently justified, and
- ☞ there is a meticulous and thoughtful account of their implications.

Criterion C: Knowledge at Work

Maximum 5 points

* The general question is:

- ☞ to what extent does the presentation demonstrate the application of ToK thinking skills to a contemporary issue?

* The phrase 'ToK thinking skills' refers to the ability to:

- ☞ identify problems of knowledge,
- ☞ analyse and evaluate claims and counter-claims,
- ☞ draw interdisciplinary links, and
- ☞ be aware of differing underlying values.

* Maximum marks will be awarded if the presentation:

- ☞ demonstrates an excellent application of ToK thinking skills to a contemporary issue;
- ☞ explicitly & successfully relates abstract elements of the ToK programme to a concrete, contemporary issue.

Criterion D: Clarity

Maximum 5 points

* The basic question is:

- ☞ whether the presentation is clear and logically coherent.

* This criterion does **not** assess linguistic skills rather the extent to which the main ideas are clearly and coherently conveyed.

* Maximum marks will be awarded if the presentation demonstrates an excellent level of clarity & logic.

Examples of Presentations:

The following examples are intended to give you an idea of the type of topics which would be appropriate, and to show ways in which contemporary issues can be linked with knowledge issues, providing a prompt for reflective thinking.

☀ **What is the relationship between the natural sciences and social responsibility?**

- Choose a single recent scientific and/or technological development as a focus.
- Consider its ethical implications.
- Who bears the moral responsibility for directing or limiting development of such knowledge?
- On what basis can that responsibility be justified?

☀ **How do the human sciences help us to understand many of the misunderstandings and frictions which frequently arise between groups of people?**

- Identify a contemporary problem involving the interaction of groups (for example, ethnic, racial, socioeconomic, or religious groups).
- Consider the knowledge given by psychology, anthropology and economics.
- In what ways can these disciplines illuminate the causes and the characteristics of the problem?
- In what ways might they also be relevant to possible solutions?
- Are there other disciplines which would increase our understanding of the particular issue?

☀ **Does history tell us the truth?**

- Choose any single historical incident.
- Use it to explore the nature and complexities of historical truth.
- In what ways is this exploration of the past relevant to an understanding of the present?
- Is there any contemporary incident which it illuminates?

☀ **How do we know whether we are acting in a 'good' or 'moral' way?**

- Select any ethical issue.
- Examine it from two or more possible ethical viewpoints.
- The purpose is to seek the differing grounds on which claims to justifying moral behaviour may be made, not to prove that one way is the 'right' way.

☀ **Select one new development in knowledge.**

- Consider its effect on the discipline within which it has developed.
- Consider its challenge to ethics or other Areas of Knowledge.
- In science and technology, for example, you might focus on the human genome project, cloning, nuclear power, or the IT revolution.
- In the arts, you might focus on computer-generated art or electronic music.

☀ **On what bases do spiritual beliefs rest?**

- Choose an example of a particular belief (for example, about the creation of the world or the nature of a life after death).
- Consider it from the point of view of atheism, and at least two major religions.
- Present in each case the justifications which persuade the believers.
- Your goal is not to establish any religion as right or wrong, but to explore belief and justification.
- To what extent can spiritual belief be classified as 'knowledge'?
- Would denying a belief the status of knowledge decrease its value or significance?

☀ **Can purposely misleading the public be justified, as sometimes occurs in politics or advertising?**

- Consider cases of intentional misinformation, or cases of the use of fallacious arguments, in these and other Areas of Knowledge such as science, the arts, or history.

☀ Identify an issue of global significance.

- ☑ For example, AIDS, genocide, refugees, abuses of human rights, desertification, pollution and global warming, and uneven distribution of world resources.
- ☑ The issue must introduce a conflict of concepts and values.
- ☑ Examine the facts, language, statistics, and images used by at least two sides in the conflict in their representation of the issue.
- ☑ In the process, identify assumptions, justifications, values and emotions which diverge.
- ☑ To what extent can you find the truth of the issue?

☀ Identify an issue of interest in an area that you know well.

- ☑ For example, genetically modified food in Germany, native land claims in Canada, construction of hydroelectric dams in Chile, the destruction of the Amazon forest in Brazil, or drug policy in The Netherlands.
- ☑ The issue must introduce a conflict of concepts and values.
- ☑ Examine the facts, language, statistics, and images used by at least two sides in the conflict in their representation of the issue.
- ☑ In the process, identify assumptions, justifications, values, and emotions which diverge.
- ☑ To what extent can you find valid

Further Ideas

Some more ideas for topics are listed below. If you choose one of these, we recommend that you use the information in the previous box to give ideas on **how** to tackle it.

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|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| ☉ Labelling of genetically-modified food | ☉ Perceptions of risk - why do people think that air travel is more dangerous than car use? |
| ☉ Cosmetic surgery - ethics, aesthetics and cultural diversity | ☉ Non-Western aesthetic systems, e.g. in art or music |
| ☉ Carbon pricing (environmental economics) | ☉ Do genetic differences between the sexes undermine the argument for equality? |
| ☉ Islamic education | ☉ Could genes influence criminal (e.g. violent) behaviour? Does this undermine the validity of the legal system (guilt, punishment, etc.)? |
| ☉ Criticism by "the West" of China on human rights issues | ☉ Restrictions on civil rights as a result of "the war on terrorism" |
| ☉ Creationist biology teaching | ☉ Terrorism - can it be defined? |
| ☉ Political correctness and the teaching of literature (banning books that are not "PC") | ☉ Shari'a law |
| ☉ Ethnicity of heroes & villains in | ☉ Iraq |
| ☉ Hollywood movies | ☉ Euthanasia |
| ☉ How the lack of certainty in science is used for political inaction (e.g. AIDS, greenhouse effect) | ☉ Vivisection |
| ☉ Human cloning - what is possible? what is ethical? | ☉ Globalisation |
| ☉ Fertility treatments - what is possible? what is ethical? | ☉ Business ethics |
| | ☉ Child labour |

Whatever the topic - you must concentrate on Knowledge Issues.

Resources

Firstly, consult:

- The ToK diagram – remember the interconnecting structure of ToK;
- Course outline (Don't forget the *Linking Questions*);
- Any notes or handouts that you have acquired along the way.

Belief
Certainty
Culture
Evidence
Explanation
Interpretation
Intuition
Technology
Truth
Values

For **Contemporary Issues**:

- You might be tempted to use the Web. This can be a good resource, but you must also be aware that there is a lot of rubbish on the Web. You should discuss Web resources that you plan to use with your ToK teacher before the Presentation;
- Newspapers, television, radio and magazines are good sources. Some have useful archives on the Web as well;
- There are a number of excellent Contemporary Issues resource materials in the GDHS Library;
- Obviously, the Library staff are also **excellent** sources of information.

Remember, that you must explain which resources you used in planning your Presentation.

Good Luck!

IB Assessment Criteria Descriptors Part 1 - External Assessment (ESSAY)

Click on the link for a .pdf file with complete explanations of the assessment rubric

Criteria A - Understanding Knowledge Issues (10)	Criteria C - Quality of Analysis of Knowledge Issues (10)
Criteria B - Knower's Perspective (10)	Criteria D - Organization of Ideas (10)

10 points each for 40 points

Part 1 - Internal Assessment (Presentation)

Click on the link for a .pdf file with complete explanations of the assessment rubric

Criteria A - Identification of Knowledge Issue (5)	Criteria C - Knower's Perspective (5)
Criteria B - Treatment of Knowledge Issues (5)	Criteria D - Connections (5)

5 points each for 20 points