

# CAS and Areas of Knowledge

## Mathematics

- Does “absolute truth” exist and, if so, does it have any bearing on our relationships with others from different religious or indigenous knowledge systems?
- Is there a place for statistical evidence in CAS experiences and the project?
- How does trend-forecasting assist us in designing and developing CAS experiences and a CAS project?

## Natural sciences

- Is the scientific method reliable in deciding whether a hypothesis can be substantiated or not?
- Is there a place for the scientific method in CAS? How are the CAS stages similar to the scientific method?
- Do logic and reason have a place in CAS? If so, where and how?
- Can any of the natural sciences be relevant to CAS projects? How?

## Human sciences

- Was the sampling process we used sufficient to give us the knowledge we needed to solve our problems?
- What issues do we face in obtaining reliable information from interviews?
- To what extent do gender and age affect our observations of a community need?

## History

- To what extent is it important to understand the history of a community before we can engage in meaningful and respectful ways?
- How reliable is a person’s view of an event that has occurred?
- What is bias, and how can bias distort historical records?
- Is it possible for bias to occur in CAS and, if so, how and where? What can we do to be aware of and mitigate our personal bias?

## The arts

- Was our way of presenting a picture or drawing effective in communicating our intended message?
- In what ways has our choice of medium helped us to understand ourselves better?
- Can we influence others with our posters/website?
- How can knowledge in the arts be used in a CAS context?

## Religious knowledge systems

- Can we identify elements of religious knowledge in our CAS experience?
- How can these elements influence the whole CAS experience?
- How can we encourage sensitivity and tolerance towards people from other religions?

## Indigenous knowledge systems

- What do we know about indigenous community culture?
- How do we show respect and open-mindedness to differing cultures?
- In what ways are sense perception and memory crucial in constructing knowledge in indigenous knowledge systems?
- How do indigenous people use the concept of respect to relate to their view of the world?
- What lessons and insights can we learn from indigenous cultures?
- How can we help to preserve cultural heritage in indigenous communities?

## CAS and WOKs

### Language

#### How does language shape knowledge?

- What did others transmit to you through their language?
- What new meanings did you discover in spoken sounds?
- How may the ability to communicate through different languages help you to make the most of the experience?
- Did words you usually use take on new meaning?

- In what way can words stereotype people?

## Sense perception

**How can we know if our senses are reliable? What is the role of expectation or theory in sense perception? What is the role of language in sense perception?**

- What did your senses show you in this CAS experience?
- In what manner did the sense perceptions influence your understanding of these experiences (regarding myself, regarding others and the surrounding world)?
- Is sense perception a reliable source of knowledge in CAS experiences or project?

## Emotion

**Are emotions universal? Can/should we control our emotions? Are emotions the enemy of, or necessary for, good reasoning? Are emotions always linked to belief?**

- What kinds of feelings and emotions can you identify in yourself regarding the CAS experience?
- How do you think others have felt throughout this CAS experience?
- How did the emotions affect your thoughts, your ability to perform, to make decisions or to reason, in regard to the CAS experience?
- To what extent do emotions help make sense of social experiences and behaviours?
- How does empathy make possible mutual understanding with other people?
- Can you rely on your emotions to give a balanced view of a CAS experience?

## Reason

**What is the difference between reason and logic? How reliable is inductive reasoning? Are we predictably irrational?**

- What reasoning preceded your CAS experience?
- How could any bias have determined your approach to the experience?
- To what extent have you changed your certainties as a consequence of the experience?

## Imagination

**What is the role of imagination in producing knowledge about a real world? Can imagination reveal truths that reality hides? What is the role of the imagination in understanding others?**

- What would happen if we ...?

- What would have happened if we had acted in another way?
- How does your initial imagined goal compare to the realized goal?

## Faith

**Should humanism or atheism be described as a faith? Can theistic beliefs be considered knowledge because they are produced by a special cognitive faculty or “divine sense”?**

- Did faith have any part in your thoughts and behaviours during the CAS experience?
- To what extent does faith shape people’s perception of reality?
- How may faith give support to people's aims and objectives?

## Intuition

**Why are some people considered more intuitive than others? Are there certain things that you have to know prior to being able to learn anything at all? Should you trust your intuition?**

- Are there certain things that you recognize as right and wrong regarding the experience?
- How often do you rely upon your intuition rather than logic?
- What part did intuition play in your CAS experience?

## Memory

**Can we know things that are beyond our personal present experience? Is eyewitness testimony a reliable source of evidence? Can our beliefs contaminate our memory?**

- Can you identify things that are beyond your personal present experience?
- How do you think previous experiences affect your present learning?
- How do you interpret that new situations can be influenced by previous events?

## Ethics

**Is there such a thing as moral knowledge? Does the rightness or wrongness of an action depend on the situation? Are all moral opinions equally valid? Is there such a thing as a moral fact?**

- What should you do and why?
- What should you have done? What could you have done?
- What are the consequences of our actions?
- To what extent might a lack of knowledge be an excuse for unethical conduct?

- To what extent might possession of knowledge carry with it moral obligations?

## AOK plus WOK

### Religious knowledge systems

**How do we decide between the competing claims of different religious knowledge systems? Can there ever be a basis for religious knowledge that is independent of the culture that produces it?**

- Can you identify elements of religious knowledge in people involved in your CAS experience?
- How can these elements influence the CAS experience?
- Were there any cultural assumptions made during the CAS experience due to religious knowledge systems?

### Indigenous knowledge systems

**In what ways are sense perception and memory crucial in constructing knowledge in indigenous knowledge systems? How do beliefs about the physical and metaphysical world influence the pursuit of knowledge in indigenous knowledge systems? How do indigenous people use the concept of respect to relate to their view of the world?**

- What do you know about indigenous community culture?
- How do you show respect and open-mindedness to other cultures?
- What things can you learn from them?
- How can you help to preserve cultural heritage in indigenous communities?