



T20S
Twenty20Science

Critical Thinking Skills

Learn how to activate critical thinking and how this process will empower you to effectively analyse, evaluate and solve problems in your personal capacity, the workplace and business environment.

Developed by:	Twenty20Science
Learning Mode:	Blended, attendance of the virtual discussion is essential as the actual benefit of this module is facilitated peer learning.
Duration:	4 Hours E-Learning 2 Hours facilitated learning
Certificate:	Certificate of attendance
Credits:	SMLTSA - 5 CEU's
Price:	ZAR 1,250

About Critical Thinking Skills

An online learning program that consists of four hours of e-learning and two hours of facilitated learning. The course aims to equip the learner with practical skills to construct a common understanding of Critical Thinking, to explore various skill sets used in Critical Thinking and apply these skills in different contexts to implement solutions.

Topics:

- Define Critical Thinking
- Identify the skills used in Critical Thinking
- Relate skills to Blooms taxonomy
- Identify how to collect data and access the quality of sources/data
- Develop guidelines to distinguish between facts, opinion, objective & subjective information
- Comprehensively describe a problem (identify assumptions and bias)
- Interpret and evaluate quality of information from sources
- Develop outcomes and conclusions based on evidence – logical
- Propose solutions to a problem demonstrating deep understanding of the problem
- Evaluate solutions – history, reasoning, feasibility and impact
- Plan to implement – considering multiple factors



Linda de Waal
*Managing Director
at Twenty20Science.*

Instructor:

Entrepreneurial marketing and business manager in the Molecular Life Science arena with a passion for knowledge transfer and skills development. Skillsets acquired in this field include stakeholder management; conceptualizing, implementation, and management of marketing strategies as Southern African Distributor for Invitrogen (now Thermo Fisher Scientific). Implementation of technical training as a marketing tool and in this capacity hosting numerous workshops across Africa. Conceptualize, design and implement a Foundation in Omics course (Genomics, Proteomics & Bioinformatics) with a flexible, tailor-made wet-lab component. Design of E-learning course, CPD and Royal College of Pathology (UK) accredited. Launched a hybrid, portable “Lab in a Bag” wet-lab genomics course to make training accessible to more remote, under-resourced tertiary institutes in SA and in the rest of Africa, which launched in Accra, Ghana 2019. Founder member and Managing Director of Twenty20Science – where Technical knowledge, Communication and Interpersonal skills meet.

Get In Touch:

