



Common areas of excellence

Professional Competence

- Have a thorough grasp of current curriculum emphases, subject contents and pedagogies, and make effective use of such knowledge in teaching with the help of technology.
- Develop a school-based science curriculum from the perspectives of the school as a whole in the light of school context and learner diversity.
- Adopt appropriate teaching and learning strategies to enhance students' scientific knowledge and thinking.

Student Development

- Help students understand the nature of science and develop science process skills to improve their scientific literacy.
- Cultivate students' interest in studying science, encourage student interaction and collaboration, promote self-directed learning.
- Design appropriate learning and teaching activities with hands-on and minds-on tasks that allow students to integrate and apply knowledge and skills in solving problems.

Professionalism and Commitment to the Community

- Proactively reflect on teaching practices, and pursue continuous improvement in teaching strategies, and readily share exemplary teaching plans and practices with peers.
- Promote professional exchange by actively participating in and organising professional development training and establishing communities of learning and practice.
- Take part in science education research, write articles and benefiting students and the school with the outcomes.

School Development

- Establish a mechanism for collegial exchange and knowledge management for improving science learning and teaching, and to promote sustainable school development.
- Promote a sharing and collaborative culture in the school by strengthening cross-subject collaboration, thus transforming the campus into a harmonious professional learning community.
- Make effective use of resources to provide students with diversified learning experiences.

