****

Your expertise matters

****

**Teaching with the Science and Technology K-6 Syllabus**

Participant journal

**e-learning course**

**Task 1**

# Time allocation for science and technology

Write your answers to the following questions in the fields below.

|  |
| --- |
| Review your weekly timetable and note the total amount of time allocated to teaching science and technology: |
|  |
| Does this meet the requirement (1.5-2.5 hours per week)? |
|  |
| If so, how has this been achieved? Which strategies have proven successful? |
|  |
| If not, what will you do to meet this requirement? |
|  |

**Task 2**

# Document review – syllabus rationale

Use the fields below to identify key ideas and write notes:

|  |
| --- |
| 1. |
|  |
| 2. |
|  |
| 3. |
|  |
| 4. |
|  |
| 5. |
|  |
| When you return to the eLearning course, compare your ideas to those of other teachers who have completed this course. Are there any ideas that match? |
|  |

# Continuum of skills reflection

**Task 3**

Read your syllabus pages 29-34 and reflect on the development of skills that are presented in the continuums. Answer the following questions in the fields provided.

**Terminology**

|  |
| --- |
| What terminology will you need to unpack with your students to support their learning? |
|  |

**Key skills**

|  |
| --- |
| Which key skills will you need to unpack with your students? |
|  |

**Pedagogical practices**

|  |
| --- |
| What pedagogical practices will you employ to ensure development of these skills? |
|  |

**Discuss**

|  |
| --- |
| When you return to the e-learning course, compare your ideas to those of other teachers who have completed this course. Are there any ideas that match? |
|  |

# Inquiry learning in science and technology

**Task 4**

Answer the following questions in the fields provided.

**Exploring inquiry learning**

|  |
| --- |
| What is inquiry learning? |
|  |
| How does inquiry learning differ from project-based or problem-based learning? |
|  |

**Inquiry reading key points**

|  |
| --- |
| Consider the key points from the readings in light of your current teaching context and cohort of students. Record a new idea gained from these readings that could be actioned to improve learning and teaching in science and technology. |
|  |
| When you return to the eLearning course, compare your thoughts with those of other teachers who have completed this course. Are there any other new ideas that you could use? |
|  |

# Implications for learning and teaching

**Task 5**

Answer the following questions in the fields provided.

|  |
| --- |
| Why is it important to understand the syllabus rationale? |
|  |
| In supporting student learning, why is it important to understand the structure of the syllabus? |
|  |
| How does inquiry and the skills of working scientifically improve learning in science and technology? |
|  |

**What are 3 things you will do as a result of participating in this e-learning course to improve the implementation of science and technology in your classroom/school/context?**

|  |
| --- |
| 1. |
|  |
| 2. |
|  |
| 3. |
|  |