



Lesson Plan Template  
Teaching the Word and the World: Linking Science Literacy to Innovation  
Teacher Development Programme

Stage	Aim	Procedure	Timing	Interaction
Lead-in	Teacher gets to know participate teachers (PT)	<p><b>This lesson plan serves as a guide to our teacher development programme on teaching the Word and the World. Further examples, input, scaffolding etc. will be offered to teachers and school leaders depending on their own learning context.</b></p> <p>Welcome participate teachers to the training. Offer a short overview of the programme. Present reasons for starting project as well as selected methodology.</p> <p style="text-align: center;"><b><u>Teaching the Word (Keywords Biology)</u></b></p>	5 min	T>>PT; PT><PT
Overview of the course	Discuss strengths & weaknesses of methodology	Use posters on the wall to walk students through the stages of the literacy teaching embedded in a science topic. Present the methodology for each aspect of literacy development. Encourage teachers to share their own experience teaching science through a literacy context.	10 min	T>>PT; PT><PT
Introduction to the Keywords Biology app	Introduce teaching definitions of key words and examples in context (whole-class activity)	Model exercises from iPad and discuss the rationale of each one (vocabulary, MFP, word order, gap fill, free writing, collaborative learning).	10 min	T>>PT; PT><PT
Visual literacy	Predict the content of the reading text	Stick enlarged images representing the 12 key words on the wall around the room. Encourage students in pairs or individually to predict the words that the images represent. Discuss the role of visual literacy in the development of science literacy.	5 min	T>>PT; PT><PT
	Present an overview of local urban landscape	<p style="text-align: center;"><b><u>Teaching the World (My Community2050)</u></b></p> <p>Background context: An overview of urban planning/regeneration/housing in the local area along with the challenges presented by the environment</p>	10 min	T>>PT; PT><PT





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Digital literacy	Participant teachers plan a photoshoot to showcase their learning.	<p>Present teachers with a model of the Last Supper highlighting the decision making process behind each stage of my own learning and how I reflected this visually in a collaboration with others.</p> <p>Questions to consider:</p> <p>What is collaboration?          What types of collaboration will be required to deliver this objective?          At what stage of the learning cycle should we introduce students to reflective practice?          How do we identify skill-sets?          How do we quantify them?          How do you put a team together?          How do we work together?</p>	30 min	T>>PT; PT><PT
Overview of session	A review of teaching the Word and the World	<p>Conclude with a rationale for creating Keywords Biology and encouraging students to be apply classroom learning to reimagine their own community using models as a guide. An overview of the importance of reflective practice, which is showcased through a digital literacy project.</p> <p>Plan further follow-up with teachers and school leaders.</p> <hr style="width: 20%; margin-left: auto; margin-right: auto;"/>	10 mins	T>>PT; PT><PT