

Resource 3: List of TESS-India key resources and OERs

Table R3.3 Key resources and videos in the Secondary Science OERs.

OER title	Key resource/video title																			
	Assessing progress and performance		Monitoring and giving feedback		Storytelling, songs, role play and drama		Using local resources		Using pair work		Using groupwork		Planning lessons		Using questioning to promote		Talk for learning		Involving all	
	KR	V	KR	V	KR	V	KR	V	KR	V	KR	V	KR	V	KR	V	KR	V	KR	V
Pair work: atoms and molecules, and chemical reactions									✓	✓							✓	✓		
Reading in the science classroom : heredity and evolution									✓	✓										✓
Mind mapping and concept mapping: acids, bases and salts			✓	✓							✓	✓								
Using local resources: life processes					✓	✓	✓	✓												
Community approaches: science education and environmental issues											✓	✓	✓	✓						
Using games: the Periodic Table	✓	✓									✓	✓								
Questioning: why do we fall ill?															✓	✓				✓
Language in the science classroom: cells																	✓	✓		
Probing understanding: work and energy	✓	✓		✓											✓	✓				
Using physical models: teaching electricity to Class X	✓				✓	✓														
Brainstorming: force and laws of motion																	✓	✓	✓	✓
Building mental models: teaching carbon and its compounds to Class X													✓	✓						
Practical work and investigations: teaching gravitation to Class IX													✓	✓						

Effective demonstrations: teaching light and vision to Class X													✓	✓	✓	✓				
Effective project work: sources of energy	✓	✓					✓	✓						✓						