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LESSON PLAN: Technology Grade_8_____				
Name of School:		Term: 1		Week: 2
Name of Teacher(s):				Date
Focus	Design skills and Structures			
CLASSROOM ACTIVITIES (generic planning):				
Periods	1	2	3	Recommendations/outcome
Content, concepts and skills	MINI-PAT Activity 1 : EVALUATE (Reference WEEK 1) -Compare different designs and make your own design	Structural members • Structures that span over space: - Beams: steel I-beams (girders), concrete lintels; beam and column bridge. - Alternative bridge supports: suspension bridges; cable-stayed bridges.	- Arches: arches in buildings, bridges, dam walls. - Cantilevers: simple cantilever, cable-stayed cantilever.	Structural failure – the three most likely ways structures fail are: - Fracture of a member – due to lack of strength. - Bending (flexing, buckling) – due to lack of stiffness (rigidity). - toppling over – due to lack of stability (top heavy, narrow base
Teacher’s Activities	-Teacher photocopies the relevant pages for learners.	-Explain types of beams , teacher brings models to class - Instructs learners to study various types of bridges.	• gives an activity in which learners solve a problem	❖ -teacher explains the terms. • flexing • buckling • toppling over • stability • rigidity
Learners’ Activities	- Complete the worksheet from the DBE workbook .	- learners study the given bridge types	-complete the activity on Investigating bridges Design	Learners write an activity 2.3 from the DBE workbook
Type of Assessment	FORMAL	Informal	Informal	Informal
Resources	DBE workbook page 88-89	DBE Workbook page 20, 25	DBE Workbook page 24	DBE workbook page 28 -30
	Portfolio book	Textbook		www.google.com
		Chalkboard	Chalkboard	Chalkboard



IDENTIFIED LEARNERS' NEEDING SUPPORT:	Name of learner(s)	Name of learner(s)
the name(s) of learner(s) identified as having learning difficulties/not achieving or use the class list.	1.	5.
	2.	6.
	3.	7.
	4.	8.

How are you going to include and differentiate Support for learners?		
Teacher Activities	Learner Activities:	Resources

How are you going to include and differentiate Expanded opportunities for learners?		
Teacher Activities	Learner Activities:	Resources

TEACHER REFLECTION:

Teachers Signature : _____ Date: _____



Pre -Moderated by line manager e.g. HOD/Deputy Principal (attach a moderation tool?): Signature: _____ Date: _____

Post moderation by HOD:

Formal Assessment Feedback								
Assessment Results Analysis	Level of achievement	1	2	3	4	5	6	7
	Indicate number of learners per level achieved							

