

2.4.1 Institution provides opportunities for developing competencies and skills in different functional area through specially designed activities

1. Organizing Learning (lesson plan)



REGIONAL INSTITUTE OF EDUCATION
(National Council of Educational Research and Training)
BHUBANESWAR-751022
ODISHA



समन्वयक
Coordinator
आंतरिक गुणवत्ता आश्वासन प्रकोष्ठ
Internal Quality Assurance Cell
क्षेत्रीय शिक्षा संस्थान, भुवनेश्वर
Regional Institute of Education, Bhubaneswar



2.4.1 Competency and Skill Development

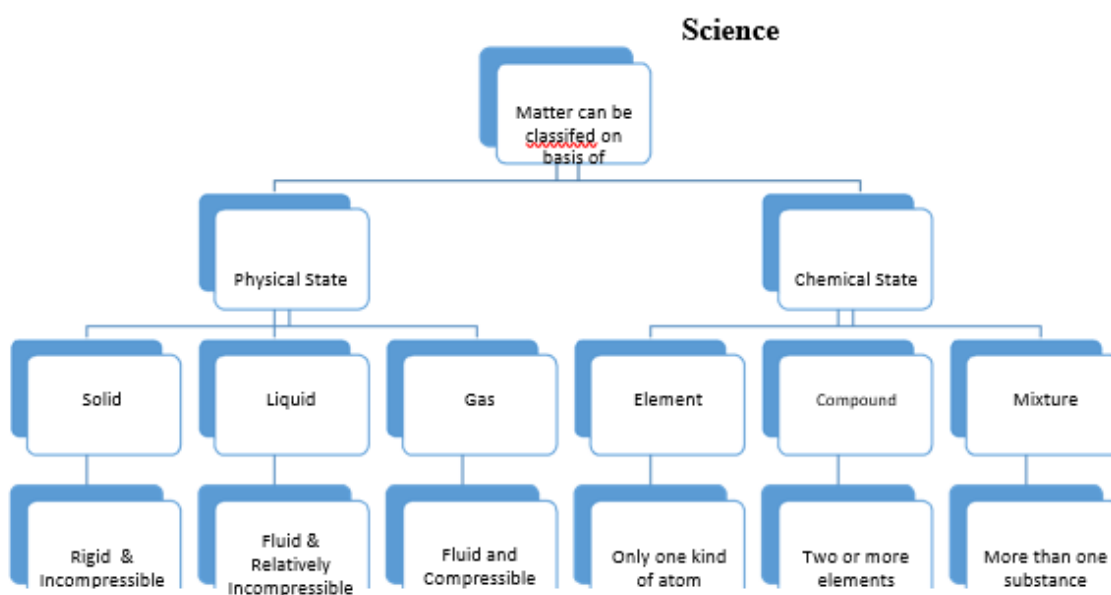
Supporting Documents

SL No.	Subject	Page No.
01	Documentary evidence in support of the selected responses	1-51
02	Reports of the activities	52-54
03	Reports of the activities with video graphic support	Attached

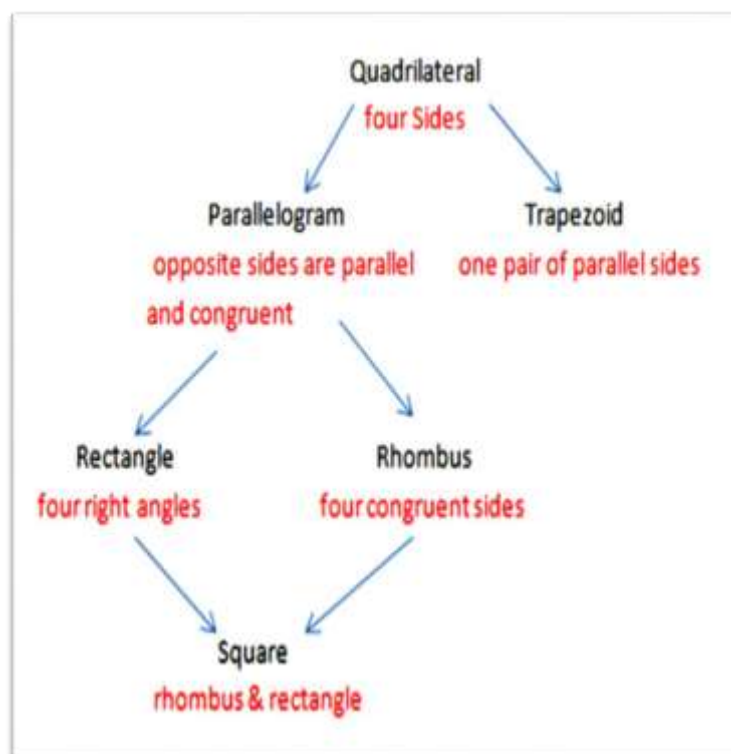
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Bhubaneswar -751022, Odisha

Concept map

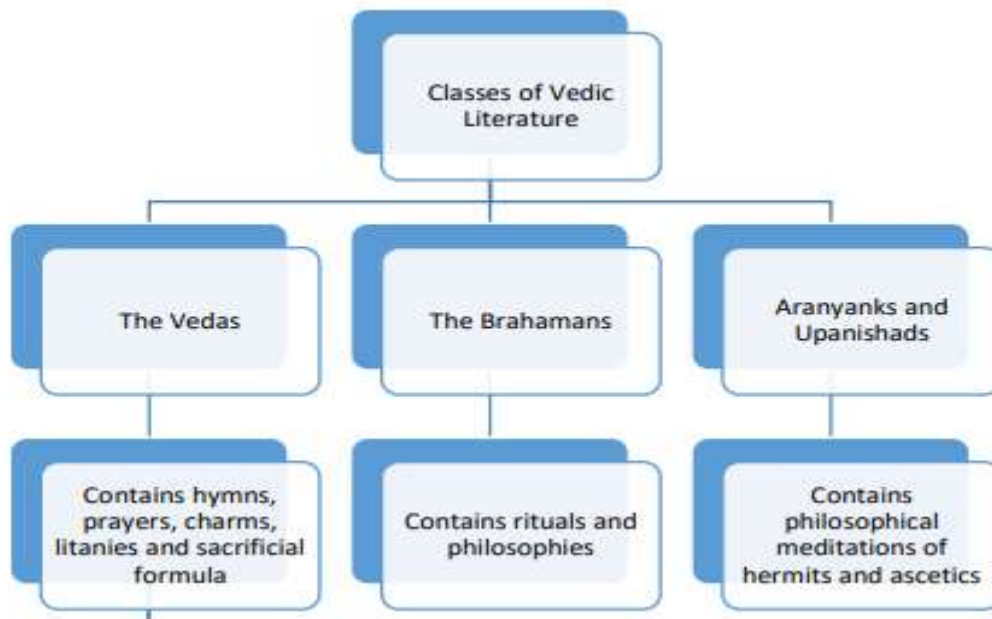
Exemplars of Topic/Concept Maps on Different Subjects



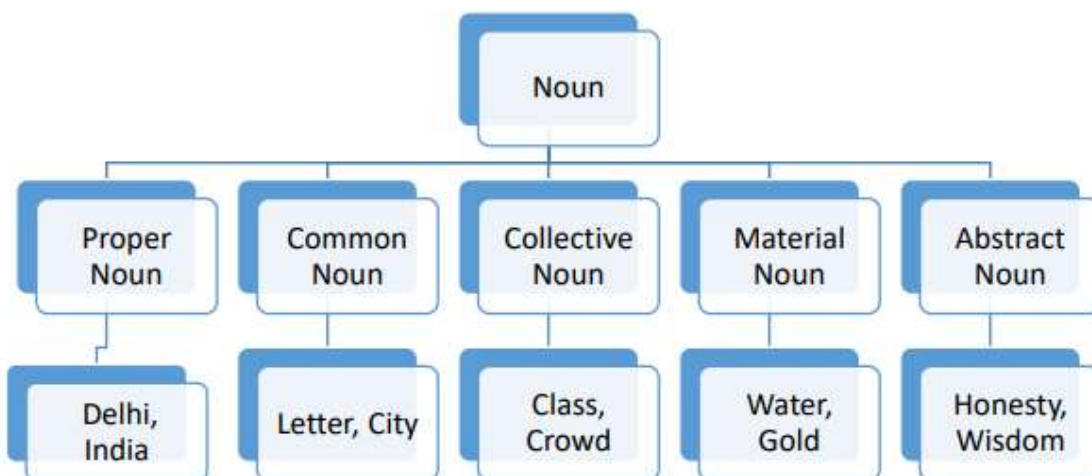
Mathematics



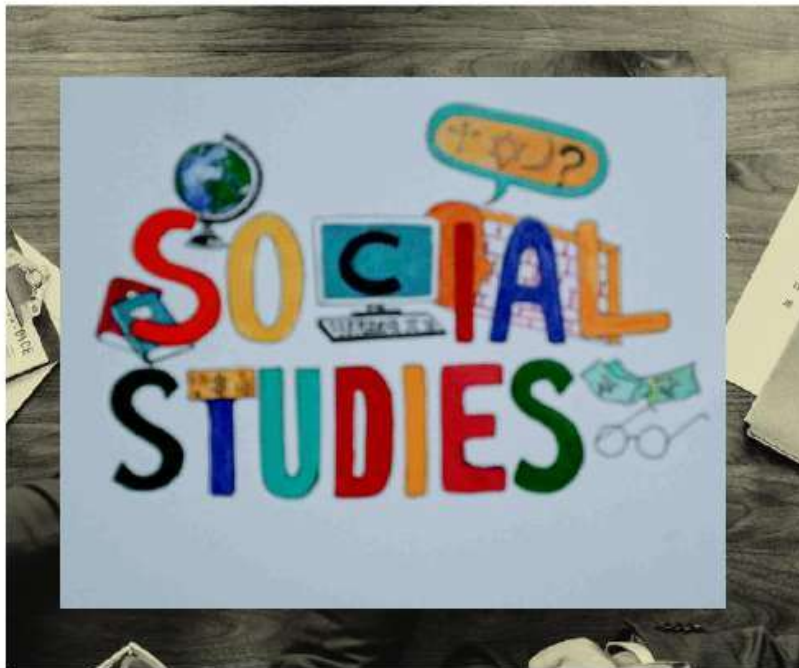
Social Science



Language: Grammar

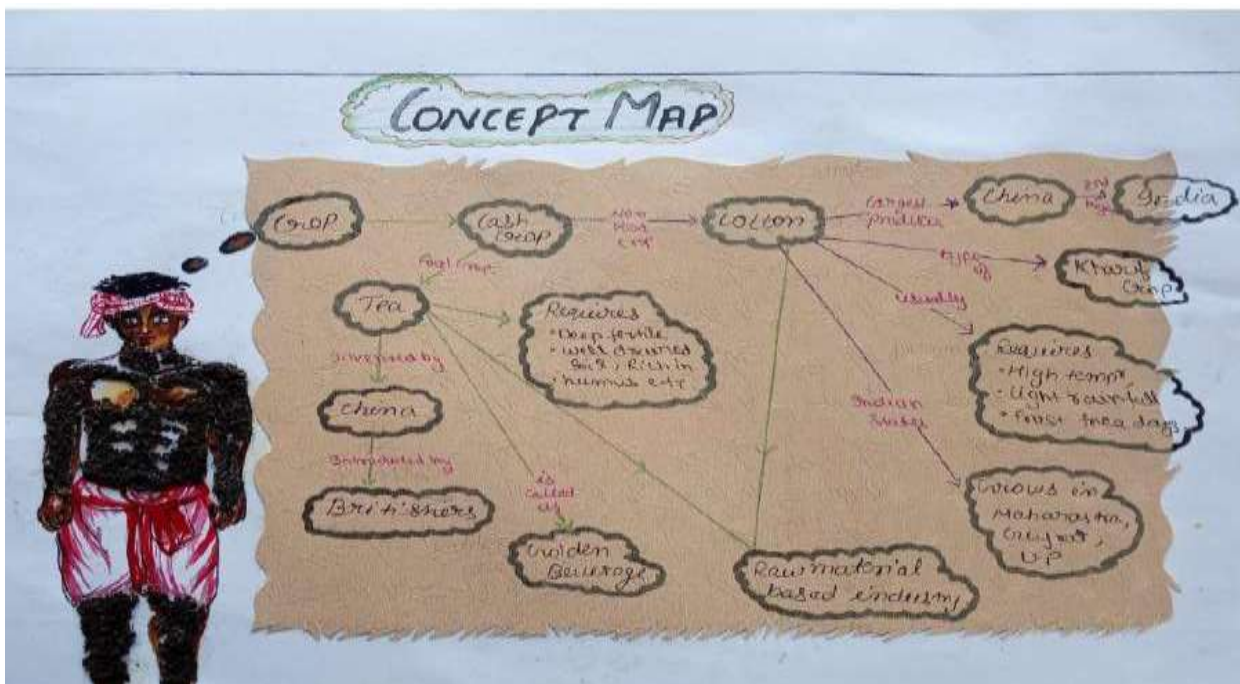



Art Integrated Lesson Plan



Lesson plan

Subject- social studies
Class-X
Unit - Agriculture
Topic- Tea and cotton



	TEACHER INITIATIVES	STUDENTS LEARNING PROCESS / ACTIVITIES	CONTINUOUS ASSESSMENT
	Teacher uses the embossed map a with Braille and helps the visually challenged learner. (Extend)	Learner explore and extend their concept by filling data chart	Why Cotton requires level land?
EVALUATE	Teacher asks the student to summarize the main points. Teacher provides worksheet to students for practice and evaluates.	Students summarize the points. Students do the worksheet.	
	ASSIGNMENT- On the outline map of India (Hand made) show cotton and tea producing areas. Map size - 15X12 cm.		


LESSON PLAN FORMAT

5E

WORKSHEET

* Match the following with right alternative.

<ol style="list-style-type: none"> i. The 2nd largest producer of cotton. ii. Tea grows well in iii. processed in garden. iv. Cotton grows well in v. Require 6 to 8 months to mature. vi. Tea. 	<ol style="list-style-type: none"> a. Black soil b. Beverage crop c. India. d. Tropical and Subtropical climate e. Tea f. cotton.
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Name of the teacher		<i>Prepare a Concept map/Graphical organizer on the lesson/topic</i> <i>(It may be prepared in additional sheet and appended before the lesson plan)</i>	Subject:
Class			Unit:
Date			Topic:
Time & Period			
Learning Outcomes: Learning Objectives: Learning Points: Previous Knowledge/Experiences: Learning Resources: Learning Strategies:			
Phases of the lesson	Teacher Initiatives	Student Activities	Continuous assessment/Black board work/use of other resources
ENGAGE			
EXPLORE			
EXPLAIN			
ELABORATE			
EVALUATE			
Homework/Assignment			

.ICON LESSON PLAN FORMAT

INTERPRETATION
(Mental mirroring)

(beyond classroom and
beyond text book)

TQ: Other situations where you have seen water? (you may come and draw in BB)

- S1: pond
- S2: tubewell
- S3: tap water
- S4: drinking water
- S5: Sea Water
- S6: tears
- S7: Urine
- S8: sweating

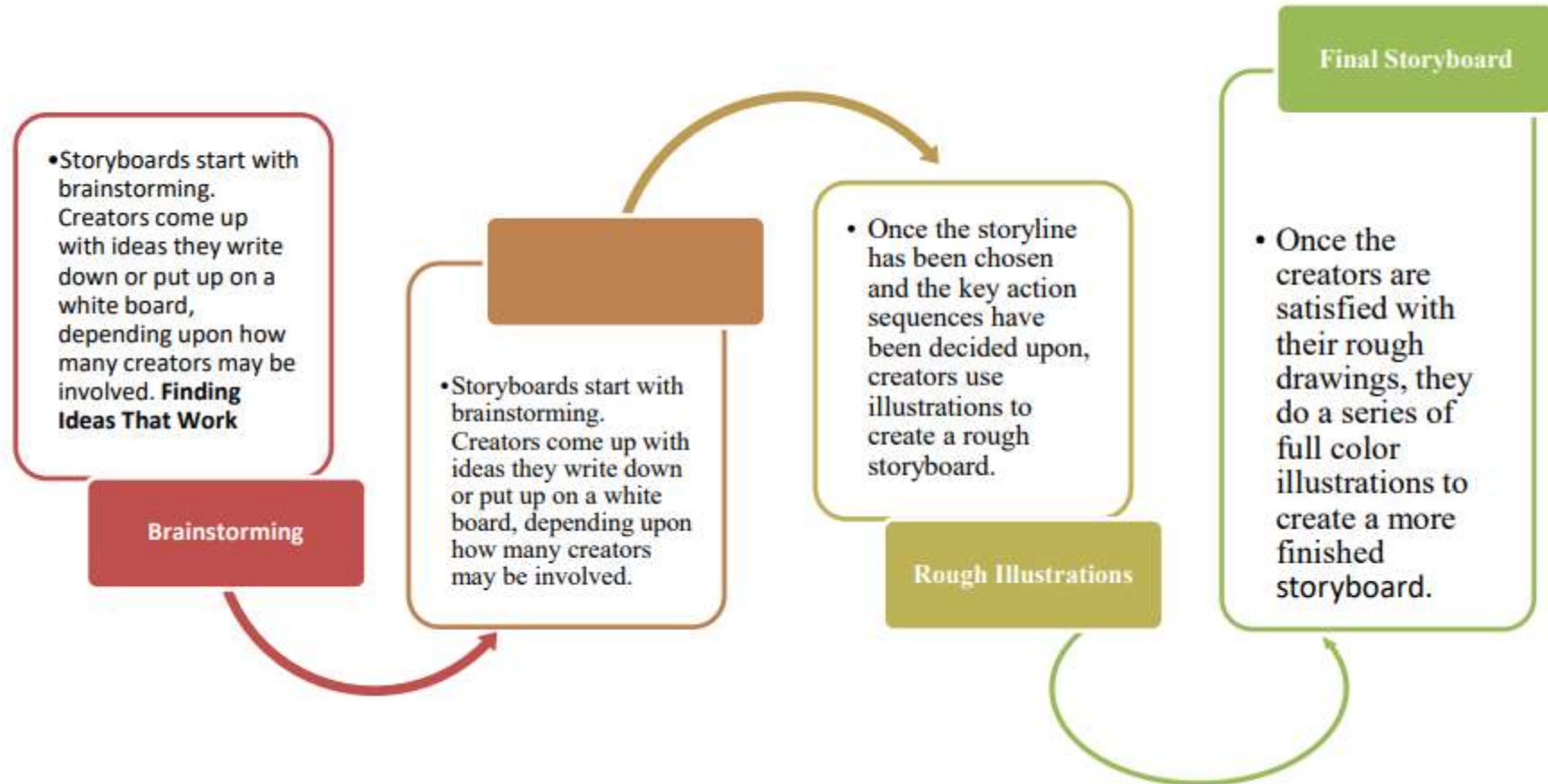
Today students we will study "water cycle"



TRADITIONAL LESSON PLAN FORMAT

Name of the Teacher		<i>Prepare a Concept map/Graphical organizer on the lesson/topic</i> <i>(It may be prepared in additional sheet and appended before the lesson plan)</i>	Subject:
Class			Unit:
Date			Topic:
Time & Period			
Learning Outcomes: Learning Objectives: Learning Points: Previous Knowledge/Experience: Learning Resources: Learning Strategies:			
Phases of the lesson	Teacher Initiatives	Student Activities	Assessment/Black board work/use of other resources
INTRODUCTION			
PRESENTATION			
SUMMARIZATION			
EVALUATION			
Homework/Assignment			

ADDIE LESSON PLAN FORMAT



5E LESSON PLAN FORMAT (exemplar)

Date	12/10/2020	Omkar Anwes B.Ed. (Science) – 18	Unit: 6
Class	8		Subject: Physical Science
Time	10:00am-10:45		Chapter: Combustion and Flame
Period	1 st		Topic: Combustion and its factors
Explore and Explain	<p>We have done an experiment in class 7th where we burn a magnesium ribbon. Can you recall and tell me the result of that experiment.</p> <p>Ok, let's perform another activity similar to it. But this time we will use charcoal instead of magnesium.</p>	<p>S1: The ribbon caught fire instantly and gave off a bright white light and heat.</p> <p>S2: the ribbon completely burnt and left a white and powdery ash.</p> <p>S3: we performed a litmus paper test and found that the ash was magnesium oxide</p>	

Date	9/10/2020	Omkar Anwes B.Ed. (Science) – 18	Unit: 2
Class	9		Subject: Biology
Time	10:00am-10:45am		Chapter: Cell and its Organisation
Period	1 st		Topic: Cell Organelles

Extend	<p>Discussion about the role of ER.</p> <p>What might be the use of tubular network of the ER?</p> <p>Recall the composition of cell membrane. Can we say ER helps in synthesis of the cell membrane or plasma membrane?</p> <p><u>Golgi Body:</u> What do you think about the structure of the golgi body and how</p>	<p>The ribosomes on the ER acts as a site of protein synthesis. After the protein synthesis these proteins are transported to cytoplasm or nucleus. SER helps in producing lipids or fat molecules. Cell membrane is mostly made of lipids and proteins. As ER produces lipids and proteins it plays an important role in synthesizing the cell membrane. Students come to know that this process is known as biogenesis. In the animated video it looks like the unprocessed molecules</p>	
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