

## Enquiry from Schools on Science Curriculum

Date & Time	Name of the teacher	School	D/Khag	Contact No	Nature of Call	Response provided	Remarks
22/3/2013		Ozurong LSS	T/Gang		How do we make Sodium Hydroxide flex solution?	Dissolve in ordinary water.	
28/3/2013 10.30 AM		Lingmithang PS	Mongar		Saliva is observed to change the blue litmus to red though alkaline. The turmeric power does not show any colour change.	Blood and saliva are alkaline in nature and must change the red litmus paper to blue while no reaction with blue litmus paper. Fax a letter to AFD, Thimphu stating the problem	It appears the indicators are outdated. M/s Changlochen is going to take time to supply the fresh supplies
28/3/2013	Yeshi Yangzom	Hongtsu PS	T/phu	17600062	The distillation supplied is different from the textbook picture. How do we connect the thermometer?	There is no need for thermometer as the purpose is to get the distilled water only.	
30/3/2013	Ugyen Choephel, Tr Incharge	Tache PS, Samtse	Samtse		We do not have science equipment. When are we going to receive since we have only been informed that it will be supplied?	Please contact DEO as the supplies of all teaching and learning materials are decentralized.	
1/4/2013	Sonam Jigme, Principal	Bjokha PS, Zhemgang	Zhemgang		Upload Science textbooks and Manuals for classes IV to VI	Provided the link to download the soft copies of textbooks and manuals	
5/4/2013	Sangay Lungten, Store Incharge	Dorokha MSS	Samtse		New Science Textbooks in class 7 and supply of science text books for 4 to 6	Explained the process of procurement and requisition.	
5/4/2013	Principal	Jakar HSS, Bumthang	Bumthang		Chemistry Supplementary Booklet, through Book World Supply.	Clarified on the supply of chemistry booklet for classes IX and XII.	
9/4/2013	Rinchen Wangdi	Thimil LSS, Lhuentse	Lhuentse	17130087	Science Textbooks for Class VII and VIII	Clarified that class VII will be implemented in 2014 and class VIII in 2015	

9/4/2013	Sonam Dorji	Nanglam HSS	P/gats shel		ICT and multimedia materials on science	Sent copy of science learning software, videos, tutorials and flash files.	
10/4/2013	Jigme Wangchuk (Principal)	Panbari CPS	Samtse		Textbooks for all classes not received till date. DEO does not respond and printers are not willing to print them. Schools had submitted the request last year. What to do?	If DEO is not responding, please give in writing with copies to Secretary & Director, DSE & AFD Chief.	We contacted DEO and found that printing order is placed, and urged the ADEO to follow up with the printers. School has been asked to manage with the soft copy which are with them.
10/4/2013	Yeshi Yangzom	Hongtsu PS	T/phu	17600062	What is the use of the rod in the decantation experiment? Do we need to make checklist for every lesson. If so it is very tedious.	The rod is to prevent splashing while pouring the liquid. It is also used to evenly mix the mixtures. Checklist must be prepared for all lessons. Prepare as prepared in the lesson plan by identifying few students every time.	
29/4/2013		Gongthung PS, Trashigang	T/gang				
29/4/2013		DEO, Gelephu	Sarpang		Inclusion of Pvt school in Science Exhibition	Consult the focal DEO( Tsirang) and include if budget is sufficient.	
1/5/2013	Kinley Gyeltshen	Principal Drashiding MSS		16280707	Density and relative density questions in class X	Clarified that question was wrong and intimidated BCSEA on the issue.	
3/5/2013	Sonam Jamtsho	Pemathang LSS, S/J	S/Jongkhar	17609794	Guide books for Class VII not in book list	Clarified that Teacher's Guide is not developed. Will be developed and supplied need based.	
3/5/2013	Principl	Pasakha MSS	Chukha		Suppliers do not supply the chemicals and equipment	Write a written complaint letter to procurement section, copy to Aum Secretary and DCRD.	

					despite having ordered long time back.		
6/5/2013	Principal	Phobjikha MSS	Wangdue	02442512	Shortage of Class 9 Physics textbooks	Contact DEO and procurement section, MoE	
14/5/2013	Cheku	Martshla MSS	S/Jongkhar	17698501	Periodic table has 115 elements and later mentioned as 118 elements in the paragraph content.	There are 118 elements as of now. Need to include update periodic table.	
18/5/2013	Zangmo	Kheni LSS, T/yangtse	T/yangtse	17994804	The energy conversion in the production of electricity must have generator in after the turbine (suggested by students).	That can also be true as it was omitted with the assumption that the generator is attached with the turbine.	
21/5/2013	Bhupal Subha	Jyensa PS, Haa	Haa	17685123	CI IV Tr manual page 79 Q 1 (iii) – Sand and sugar is solid – liquid mixture – True. It should be False. Page 71, Flour is soluble, It should be insoluble.	Flour is insoluble and asked to change accordingly.	Error will be corrected in the CRCs for the next edition
4/6/2013	Kinley Gyeltshen	Principal Drashiding MSS		16280707	Class 7 Science Textbooks and manual	Explained that manuals are not provided and orientation will be organized during winter vacation.	
6/8/2013	Kesang Tenzin	Lhuentse MSS	Lhuentse	17885255	Atoms and Molecular configuration	Explained the shells occupied by electrons in an atom of different atoms.	

## Enquiry from Schools on History & Civics Curriculum

Date & Time	Name of Teacher	School	D/khag	Contact No	Nature of call	Response provided	Remarks
05/09/2012		Jigme Namgyal LSS	T/Phu		There is a mistake with the date of birth of King Jigme Wangchuck on Chapter VII	Asked which edition is used by the teacher. Typos are corrected and asked to refer the newer edition of books.	
12/10/2012		Sarpang HSS	Sarpang		There are three different textbooks for World and Indian history in class XII	Asked to send the details of all 3 different textbooks mentioning its <i>Title, Author, Publisher, Year of editions and the ISBN number..</i>	The details are meant to see if the books are as per our booklist and be able to notify the suppliers
17/10/2012		Changangkha LSS	T/phu		The need of guide for Class VII & VIII Civics	The matter for its need in the future shall entail discussions and approval from the subject committee while revising the curriculum.	
19/10/2012		Sengden LSS Samtse	samtse		Are there any changes with the syllabus for Bhutan History Classes VII & VIII as they find more chapters in the old textbooks.	No changes has made after some topics for Class VII have been shaded. Reminded to follow the syllabus book.	
23/10/2012		Changangkha LSS	T/phu		If they can have the soft copies of the the textbooks	Provided the link to download the soft copies of textbooks and manuals	
29/10/2012		Phuentsholing MSS			The History textbooks for Classes VIII and X have same topic but the dates are different. For instance, Gongsa Ugyen Wangchuck chapter has different dates.	Reminded to use the latest edited or reprinted textbooks as such problems are taken care.	
31/10/2012		Sarpang MSS	Sarpang		SUPW to be implemented as per the new guidelines.	Yes, as per the resolution of the 16 <sup>th</sup> AEC it was supposed to be an agenda for the Dzongkhag AEC for its immediate implementation Visit our Department's website and download the form.	

05/11/2012		Tshangkha LSS, Trongsa	Trongsa		Enquired if there are any workshops in the winter of 2012-2013	There had been plans of conducting Class X Bhutan History review workshop.	
14/03/2013		Tshapel LSS, Haa	Haa		Asked if there is a syllabus for World History Classes VII & VIII.	Yes, we do we have the syllabus ever since the introduction of the curriculum. It is in the syllabus book if or visit our website at <a href="http://www.curriculum.bt">www.curriculum .bt</a>	
15/04/2013	Tshering Tshomo	Shari HSS	Paro		“The resignation comes into effect whenever the National Assembly passes the vote of no confidence against the PM. However, the PM can consult the Monarch to dissolve the Parliament if he or she is reluctant to resign’ Does it mean that the resignation of the PM should be followed with the equal resignation of his members in the ruling party as well the Opposition, if he is reluctant?	As per the Article 17 (7) of the Constitution, a vote of no confidence against the government passed by not less than two-thirds of the total number of members of the NA, shall require the Government to be dismissed by the Druk Gyalpo. It clearly states dissolving government meant resignation of the ruling party but not the Opposition Party.  However, if the vote of no confidence is solely against the PM and if he is willing to resign, the ruling party shall continue to remain and by-election for the vacant post shall be held.	
05/04/2013		Gongthung MSS. Trashigang	T/Gang		Not received the latest Class IX and X Civics textbooks and guides.	Reminded them to contact DEO and follow. Nevertheless, they can use the old available books as it has not gone through a major revision as yet.	
09/04/2013		Sherubtse College	T/Gang		To send back the books of the College Library which we have used while revising Bhutan History textbooks.	Will be sent through College’s pool vehicle when it comes here at PCoE	
27/05/2013		Wangdicholing LSS, Bumthang			The periods for Geography and History are insufficient and it affects the performance of the students.	It was explained that we need to keep quality in mind while attempting to reduce the syllabus. The time allocated for History & Civics for Classes VII & VIII is of 2 hrs. 40 minutes (160 mins.) or 4	

						periods of 40 minutes per week which is more than the time allotted for Classes IX & X which is of 2 hrs. per week only. However, it will be looked into during revision of the subjects if issues are raised from across the schools.	
11/06/2013		Jigme Sherubling HSS	T/gang		Related to SUPW: Whether to follow the area of work given in the framework only.	No they can go beyond with anything that best suits their school and community. An area of work given in the framework is suggestive only.	

## Enquiry from Schools on English

School	D/khag	Nature of Call	Response (help rendered).	Remarks
Changangkha LSS, Thimthrom	Thimphu	How to divide continuous assessment for VII-VIII	For Reading & Literature paper CA for both the classes is 30% i.e. Reading portfolio 15% and writing portfolio 15%, and for Language and Writing paper CA is 30% through Listening and Speaking. For further detail, please refer the teacher's guide.	
Gongthung MSS, T/gang	T/gang	Is there a prescribed text for the Nature of Language	There is no text book prescribed for the study/Nature of Language. Teachers have to use the 4-page handout distributed during the Curriculum Workshops at different times. Besides, this topic is worth only 10 marks, and teachers should not go too deep in to the topic.	
Chukha HSS, Chukha	Chukha	20% Internal Assessment for class XII	BCSEA is, at present, not ready to acknowledge internal assessment for class XII as they already have reservations on the reliability of the internal assessment for class X. However, we might in future, be able to work out some modalities so that BCSEA would accept internal continuous assessment for XII as well.	
Togmijangsa		Is it compulsory to cover all the texts in classes VII & VIII?( as the syllabus is vast)	First, the texts in text book are only one part of the English curriculum; the others being Writing, Listening & Speaking and Language and Grammar. Second, the curriculum emphasizes on the acquisition of skills by the learners rather than the coverage of the contents of the book. Importance should be given to the teaching of reading, writing, listening& speaking skills through the texts.	
YHSS, Thimthrom	T/Phu	Possible explanation of three lines form Ulysses	Possible explanation/interpretations provided. It was also reminded that any logical interpretation(s) from the students should be welcomed.	

YHSS, Thimthrom	T/Phu	Any PD workshops during the winter.	No PD workshops for secondary English, as there is no budget available.	
YHSS	T/phu	Is there a video of the play for class XII?	No, we do not have. The play for classes XI and XII are meant to be directed and produced by students. If the video is provided, it might rein in their creativity.	
Gongthung MSS, T/gang	T/gang	Is it necessary to write the address of the receiver and the sender in a formal invitation letter?	Yes indeed. The invitation is sent in the form of a letter. So it should contain all the features or the parts of a letter.	
YHSS	T/Phu	What are the differences in between persuasive and argumentative essays?	The differences are subtle but significant; the most important being that persuasive writing blends facts with emotions in order to “rope in’ the support of the audience whereas argumentative writing depends on credible facts, reasoning and evidence so that the readers honour the writer’s perspective.	
Rinchen HSS (C.E students)	T/Phu	Explanations of stories	Brief explanations provided.	
Wangkhuk MSS, Chukha	Chukha	Is it compulsory to cover all the texts in classes VII & VIII?( as the syllabus is vast)	First, the texts in text book are only one part of the English curriculum; the others being Writing, Listening & Speaking and Language and Grammar. Second, the curriculum emphasizes on the acquisition of skills by the learners rather than the coverage of the contents of the book. Importance should be given to the teaching of reading, writing, listening& speaking skills through the texts.	
Gongthung MSS, T/gang	T/Gang	What are the topics for the “Nature of Language” for classes IX and X? (The teachers is new, and did not have any information on this)	Sent the topics and the contents by fax though the DEO’s office.	
Gongthung MSS, T/gang	T/Gang	The call was made to acknowledge the receipt of the materials.	Reminded the teacher not to hesitate to call in case of any doubt regarding the curriculum.	
Thinleygang MSS, Punakha	Punakha	The call was made to ask for suggestions for a course of study in M.ed.	Gave personal and professional suggestions and asked the teacher to send me her proposal so that I could have a clearer idea.	
Wangkhuk MSS, Chukha	Chukha	Is it necessary to make daily lesson plans?	Only you, as a teacher, can give the best answer to this. The second best answer is to follow the suggestive plan	

			given in the teacher's guide. It not only has an annual plan divided into terms, but also has weekly and daily plans allotting due periods for each of the four strands.	
Punakha HSS	Punakha	Is the story 'The Test' contemporary realistic fiction or scientific fiction?	The story has small bits of sci-fi, but it really is a fantasy as the main events take place while the protagonist is in a state of hallucination or hypnosis.	
			<ol style="list-style-type: none"> <li>1. Enquiry for winter workshops (From different schools)</li> <li>2. Enquiry for revised Economics syllabus for Classes IX &amp; X (From BCSEA)</li> <li>3. Enquiry on the content of the reformed Economics text books (from schools)</li> <li>4. Issues related to new revised Economics text books (Classes IX &amp; X) (From Schools)</li> <li>5. Issues related to mismatch between the contents of the Accountancy syllabus and contents in the text books (Especially for Class XII) (From Jigme Sherubling HSS, Khaling)</li> <li>6. Enquiry about the availability of past years question papers for Accountancy (Khendrup HSS, Gelephu)</li> <li>7. Calls from CE students on Accountancy syllabus and content</li> </ol>	

## Enquiry from Schools on Mathematics

Date	Name of school	D/Khag	Name of teacher	PROBLEM		
				Unit	Chapter	Page
8 <sup>th</sup> Aug 2013	Pangbang PS	Zhemgang			Chapter 6 Lesson 8	Difference between face and surface of an object? Face is part of the surface. For example the surface of a cylinder has two circular faces and one round face
13 <sup>th</sup> Aug 2013	Pangbang PS	Zhemgang	Tashi Lhamo		Chapter 6 Lesson 8	Is Base also a face of a 3 D object? Should it be counted as a face? Yes Can an Apex of a cone also be called corner ? Yes
<b>CLASS IX</b>						
10 <sup>th</sup> April 2013	Lhuntse HSS	Lhuentse	Tshering Wangchuk	Unit 2 Polynomials	Chapter 1 Introducing Polynomials	<p><b>Page 41</b></p> <p>Q. Is constant a monomial? (definition of polynomial on page 41) Yes, constants are considered as monomials. A monomial is an expression in algebra that contains one term, like <math>3xy</math>. Monomials include: numbers, whole numbers and variables that are multiplied together, and variables that are multiplied together.</p> <p><b>Identifying a Monomial</b></p> <p>Any number, all by itself, is a monomial, like 5 or 2700. A monomial can also be a variable, like "m" or "b". It can also be a combination of these, like <math>98b</math> or <math>78xyz</math>. It cannot have a fractional or negative exponent. These are not monomials: <math>45x+3</math>, <math>10 - 2a</math>, or <math>67a - 19b + c</math>.</p> <p>Two rules about monomials are:</p> <ul style="list-style-type: none"> <li>• A monomial multiplied by a monomial is also a monomial.</li> </ul>

						<ul style="list-style-type: none"> <li>• A monomial multiplied by a constant is also a monomial.</li> </ul>
17 <sup>th</sup> April 2013	Changangkha MSS	Thimphu	Sabina Kafley			Time allocation for class IX. 6 periods of 50 minutes or 5 hours
5 <sup>th</sup> May – 23 <sup>rd</sup> May 2013	Martshalla MSS	S/Jongkhar	Thukten Dorji	Unit 1 Matrices and Networks	Chapter 2 Networks	<p><b>"Can we accept the different adjacency matrix for one particular network which is not labeled?"</b></p> <p>Yes you can accept different adjacency matrix for a digraph which is not labeled. However label the digraph first and then make the adjacency matrix based on the labeling. For labeling you may follow clockwise or anti clockwise direction whichever is convenient to you. The adjacency matrix that you will obtain will be based on the labeling done.</p>