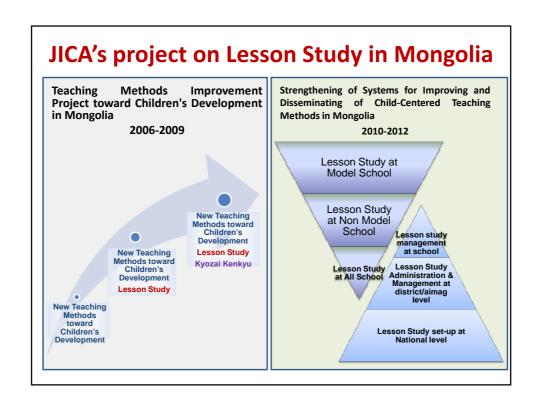
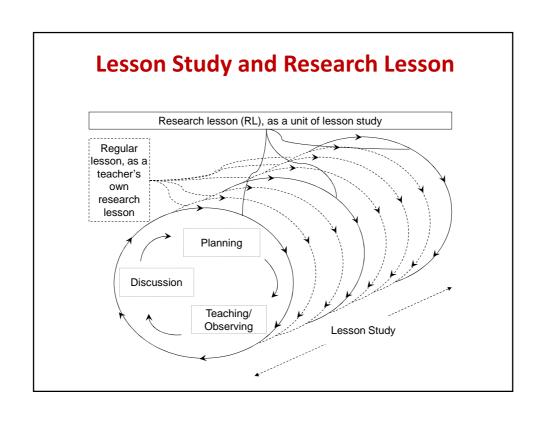
Some results of implementing the Lesson Study by chemistry teachers of Bayangol District

Jargalsaikhan **ENEBISH**, School No113

<u>Choijilsuren **NYAMGEREL**</u>, NUM,
Chemistry and Chemical Engineering School

WONGOLIA Work (1374 m) Work (1374





Chemistry Lesson Study in Bayangol district

Bayangol: Non-Model district

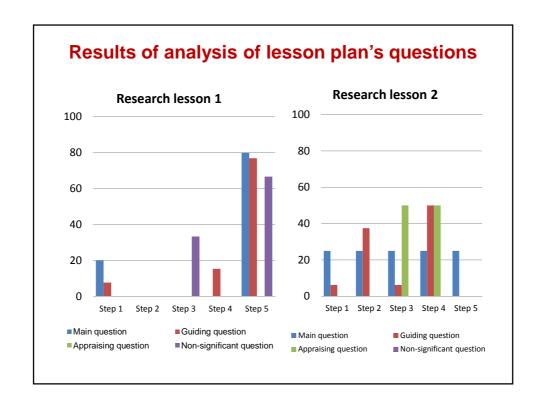
No	District Schools	Team member		
1	Complex School "Mongen"	G.Ankhzaya		
2	Complex School "Erdmiin urguu"	N.Nandin		
3	School No 13	G.Zolzaya		
4	School No 20	Z.Altantuya	Participated continuously	
5	School No 28	G.Khorolsuren		
6	School No 40	N.Otgonjargal		
7	School No 46	S.Oyunchimeg	rted	
8	School No 47	D.Aasuren	Participo	
9	School No 51	D.Doljinsuren		
10	School No 73	D.Munkhjargal		
11	School No 113	J.Enebish		
12	SCHOOL NO 113	S.Altangerel		
13	School No 19	M.Oyunbileg	p &	
14	School No 38	T.Chantsaldulam	ipate cient	
15	Complex School "Erdmiin Undraa"	G.Sarantsetseg	Participated insufficiently	
16	Complex school Elumini Ondraa	N.Boljinnyam	. E	
17	School No 93	Not participated		
18	Complex School "Oyunii Undraa"			

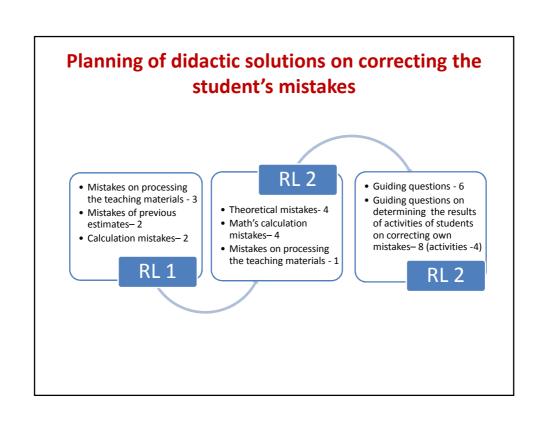
- •88% or 14 state-owned schools out of 16 district schools
- 53% or 16 teachers out of 30 teachers

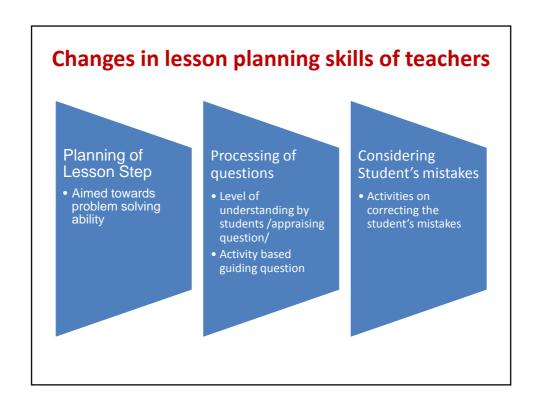
Chemistry Lesson Study in Bayangol district

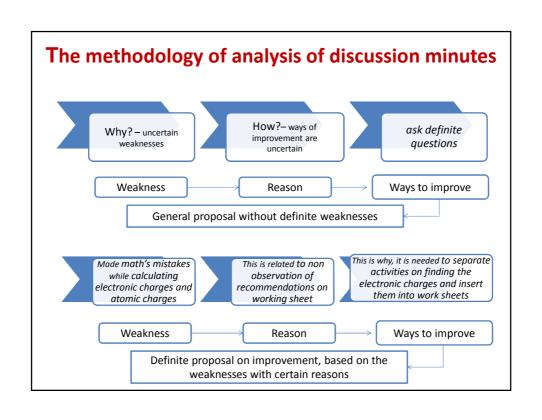
LS purpose: To improve abilities of students to work with information (using, comparing, transforming and processing)

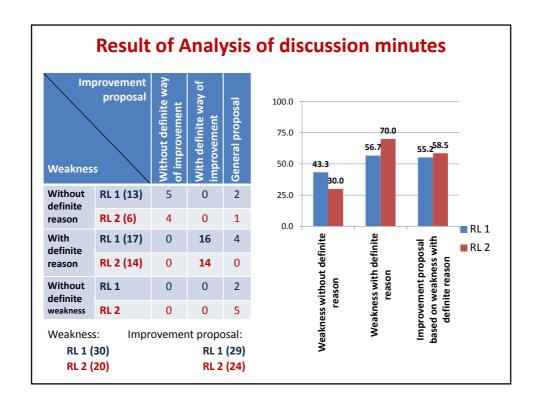
companing, transforming and processing)					
Lessons	hr	work with information			
Components of an atom/chemical elements		Picture to Text (identify)			
Relationship between components of an atom/chemical elements and periodic system a. To determine the relationship between components of an atom/chemical elements and periodic system b. To express the components of an atom/chemical elements by using chemical formula	2 hrs	Picture to Text (find regularity) Picture to/from Schema to/from Text (counting)			
The electron arrangement of chemical elements a. To study the steps of explaining the electron arrangement of chemical elements by using the diagram b. To explain the electron arrangement of chemical elements by using the diagram /according to steps/	2 hrs	Text to schema (define steps)			
To identify the stable and non-stable arrangement of valence electron	1 hr	Picture to Text			
The electro negativity of chemical elements a. Regularity of the electro negativity of chemical elements in accordance with periodic system.		Table to Text (find regularity)			
b. To determine the metallic and non-metallic properties of chemical elements, based on their electro negativity		Periodic Table Data to Text			
Atomic charge of chemical elements		Picture to Counting to text			

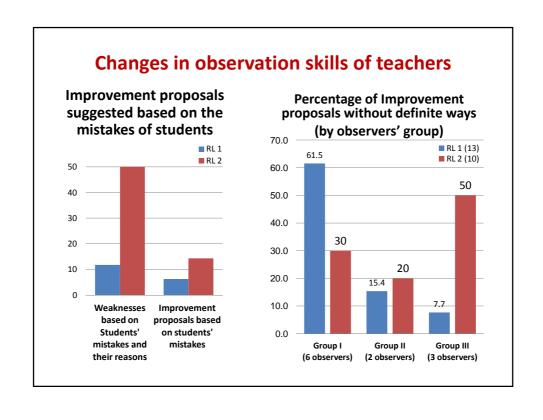












Conclusion

- Teachers are starting to plan the didactic solutions on predicting and correction of students' mistakes and the questions on determining and appraising of understanding levels of students.
- The students' abilities to work with information (observation, comparison, determination of regularities, definition of differences) are improving and they are able to make well founded expression of own ideologies in full sentences (by opinions of observers).
- The observers are monitoring the mistakes made during the process of students learning, determining the weaknesses of lessons and their reasons, based on the results of observation and coming out with well grounded improvement proposals. However, the activities on determining the reasons of student's mistakes and reflecting them in the improvement of a lesson plan are not performed sufficiently.

Future activities

On improving the quality of Lesson studies:

- To enhance the teacher's abilities on improving the Lesson plans, based on identification of mistakes of students and teachers and their reasons
- To develop the observation abilities of teachers
- And etc.