

## Appendix - IV

### Reaction Scale for IX Std. Students

**Name:**

**School:**

***General Instructions:***

- *Read all the statements properly.*
- *Mark your experience with the program by putting tick mark corresponding to each statement.*

Sr.No.	Statements	Always	Sometimes	Never
1	Constructivist principles made me to think in a constructive way about Science.			
2	I find Science very interesting when teacher teaches in constructivist way			
3	What we study in Science classes is useful to me in daily living			
4	Group work helped me to foster positive attitude towards Science.			
5	Use of Videos in the class create interest in Science			
6	Doing experiments in Science I was very active and enthusiastic.			
7	It helped me to learn Science by use of internet.			
8	It helped me to communicate in the real class and virtual space.			
9	I feel, by discussing with peer it will create noise in the Science class.			
10	Relating previous ideas to present ideas is good to understand the Science.			
11	I share my thinking with all my friends in class and through e-mail			

Sr.No.	Statements	Always	Sometimes	Never
12	Working in groups promotes me to interact with all other members of class.			
13	Problem oriented activities made me a critical and creative thinker			
14	It helped me relate the class ideas to world outside the class			
15	It is better to give unstructured knowledge and let me construct it meaningfully			
16	This way of teaching helps me to get better grade.			
17	It helped me to access the Science ideas very easily through websites.			
18	It helped me to share my ideas about Science with my friends through e-mail.			
19	Peer interaction helped me to obtain a deeper understanding of the concepts of Science.			
20	I like the constructivist teaching approaches			
21	I feel very interesting to learn with the help of ICT.			
22	I am curious to watch virtual demonstrations of Science experiments			
23	It motivated me to do activities in Science.			
24	I feel it is good for me and for all children because it is multidirectional and social process.			
25	I like the freedom and support given by the teacher.			
26	Science teacher encouraged me to ask questions.			
27	Group discussions in Science class help to enhance my communication skills			