

# A Study About Classroom With Advance Skills

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*Abstract: Education has been shaped by societal needs in every civilization of human. Education is a medium to convey concepts, theories from one generation to the next. The environment teaches to learn processes. Educators have pressurized to include skills and abilities that will enable children to function in an increasingly technological world. Present study is focused on formation of way to make a class room filled with skills and its impacts on students.*

**Keywords: Communication Skills, Learning, Collaboration, Innovation**

## I. INTRODUCTION

Society expects the ability to access information efficiently, evaluate it competently use accurately with creativity. Today's child have digital environment so they need to learn innovation skills, problem solving, communication, collaboration and creativity.

Learning is an integral part for every student. It is the skill of knowing how to learn is necessary for students. It makes a chain to learn different things; it's a process, part of education, personal development. Futuristic class rooms have learning environment which consists of tools, structures and communities that inspire students to attain knowledge and skills. For effective learning innovation is important. Innovation is the creation of better process, services, technologies, ideas. It includes knowledge, forming an attitude, decision making, and implementation. For this purpose innovation skills are associated with memory, reasoning, problem solving and thinking. Educators need to develop critical thinking which is purposeful, reasoned and goal directed. When we engage in high quality thinking we function critically with creativity, we produce and assess, generate and judge our thoughts.

Development of effective communication skills is necessary for students. There are set of skills that enable a person to convey information so that it is received. It is an art of presentation through use of oral and written language. It includes experiences, actions, events and a variety of happening and meaning as well as technologies. Expressing

thoughts clearly, articulating opinion, communicating coherent instructions, motivation has always been valued in workplace and in public life.

Collaboration is working together to achieve a goal. School children need to learn collaboration working. Children learn about the world from their home, from school. Students are taking online courses. The no. of k-12 students taking on the courses are increasing. In developed countries by 2025, half of high school classes will be delivered online. This has a potential to be a disruptive force that will transform into a student centric, highly personalized and more productive system.

Innovative schools and program based on subject and themes are proliferating as well. Their focus varies from science and technology to media and art. Their goal is to an average student's passions and interests in specific subjects to nurture love of learning. They offer project based curriculum focusing on science and technology, mathematics, entrepreneurship as well as basket ball and yoga, drama, debate etc. Some institutions offer classes using teaching aids, how to create digital media to learn record music, create podcasts, video, design logos. The innovation include, school which is project based and technical powered.

A new concept of un schooling has launched, according to this children are naturally driven by their own interests and can find their path to knowledge through independent thinking and experience. Behind this concept is that away from tests and assessments there is an alternative of learning that looks like a school. Since the current education system is linear and

dependent on children progress. These schools proved to be successful for those who have time and financial means to try them.

## II. METHODOLOGY

Descriptive survey method was applied for study. 200 students of class 6-8 were randomly selected and divided into 2 groups of 100 students as control group and experimental group. Each group has 50% boys and 50% girls. A topic was selected for teaching in both groups. Control group was taught using conventional and experimental group was taught using advance skills. After teaching both groups were tested using a self prepared test paper for learning, happiness and mental development. Result was categorized as high, medium and low. No. of students got different status was converted into percentage and comparatively analyzed.

## III. FINDING AND ANALYSIS

Impact of Skills	Result	No. of Students %			
		Conventional Teaching		Teaching with Advance Skills	
		Boys	Girls	Boys	Girls
Learning	High	28	32	35	37
	Medium	49	51	51	54
	Low	23	17	14	9
Happiness	High	24	20	36	27
	Medium	31	29	37	34
	Low	45	51	27	39
Mental Development	High	17	15	24	21
	Medium	27	24	37	32
	Low	56	61	39	47

Table 1: Status of Impact of Advance Skills on Students

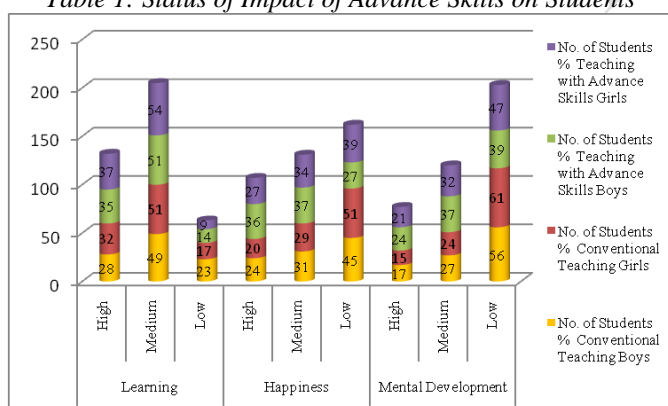


Chart 1: Status of Impact of Advance Skills on Students

Use of advance skills increases learning, mental development as well as happiness. Conventional teaching provides no. of high learning boys 28% and girls 32% while advance skills increases strength as 35% boys and 37% girls. In conventional teaching pattern, medium learners are 49% boys and 51% girls whereas advance teaching gives rise to 51% boys and 54% girls. Lower level learner's strength decreases on moving from conventional teaching to advance teaching.

Happiness % also increases as we move from girls to boys and conventional teaching system to advance skill teaching system. No. of students with highly happiness is 24% boys and 20% girls for conventional teaching but in advance teaching boys are 36% and girls are 27%. Similarly for medium level, happiness found in conventional teaching system in 31% boys and 29% girls but in advance teaching 37% boys and 34% girls are searched. At lower level no. of students is higher for conventional system rather than advance teaching skill system.

Data regarding mental development shows that high value got by 17% boys and 15% girls in conventional teaching while in advance system 24% boys and 21% girls. Medium level mental development searched in conventional system as 27% boys and 24% girls but in advance skill system 37% boys and 32% girls are marked. In lower level mental development 56% boys and 61% girls are found in conventional system and decreased in advance system as 39% boys and 47% girls.

## IV. CONCLUSION

Our education system needs to be equipped with advance skills to develop critical thinking, problem solving, communication, collaboration, creativity and innovation among students. Today's global community needs to have vision to develop students, their active participation in learning, collaboration, shared concern and support for community. Our nation needs a system that has ability of self managing and self governing which may create skilled, intellectual and multi dimensionally developed citizens.

## REFERENCES

- [1] Pathak, A., and Pandey, R., Shaping a future classroom with 21<sup>st</sup> century skills, *Psycho Lingua*, 42 (2), 2012.
- [2] Canter, A., A problem solving model for improving students achievement, *Principal Leadership*, 5 (4), 2004.