Analysis of Mid Brain Activation on Younger Generation

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ABSTRACT

Academic performance used as a yard stick to label children's good performers and bad performers. Student's grades and marks are the salient aspect of school life as measures of academic achievement. In the present study mid brain activation program is used as a tool; children's academic performance can be strengthened by developing intellectual predictors. At the end of second session (second day) nearly all the childrens were able to identify colour, read and identify the picture from the material provided to them was easily done with their closed eyes. Moreover some extra activities were also preformed. Nearly 100% overall development was observed by all the students. Such whole brain developments can be used by the academician to sharpen the young generation and benefits with be helpful for growth of the individual child. And also the society will get enlighten with such bright childrens.

***Index terms*:** academic performance, mid brain activation, closed eyes, overall development.

I. INTRODUCTION-

Academic performance used as a yard stick to label children's good performers and bad performers. It is one of the criteria which is given priority by the academicians, parents and also by the society from primary till the child completes education and enters into this career. Student's grades and marks are the salient aspect of school life as measures of academic achievement. It is implied that using mid brain activation as a tool; children's academic performance can be strengthened by developing intellectual predictors [1, 2, 3, 4, 7, 10] that are identified in this present study.

With the rise in competition practices in recent decades, each and every child has to perform his/her best efforts. On the other hand rise in the new technological development has leaded an individual to become lazy, starting from losing the reading and writing habits. Therefore an attempt has been made to develop the cognitive and kinesthetic skill development [5, 8, 9] under mid brain activation program for the whole academic development.

II. METHODS AND MATERIALS:-

A group of 20 students of age 4to 16 years were collected each from G –Brainz centres of Bhusawal during Dec 2015. The children enrolled belong to the upper middle class families with 45% parent's graduates. Before staring Tests for IQ were done using Binet Kamet Scale and students with average IQ were included in the study. The children included in the study undergo mid brain activation program. It is a program of total 36 hours. It is divided into three sessions. First session include a lot (without break) of 8 hours in a single day. Second session is proceeded in the same manner (without break of 8 hours) in consecutive day. Third session includes 20 hours program. It is divided in 10 sessions consisting of 2 hours each once in a week. Thus the whole program completes in three or three and half months. In each session various programs are conducted. At the end of second session students identify the colour, object, written material provided to them with their closed eyes totally packed with cellulose material. The purpose of eye is to identify the objects placed before it. But in this program eyes are closed are the identification part is done by other sense organs. One of the senses (eyes) is not used for identification rather than other senses such as touch, smell are used.

III. RESULT AND DISCUSSION:-

It was amazed to know that at the end of second session (second day) nearly all the childrens were able to identify the colour of the given card, read with closed eyes from the written material provided to them and picture was easily identified with their closed eyes. Some students were also able to draw, read comics, play football, ride bicycle, play mobile games (temple run, sub surfer etc) counted as extra activities. The performance was tabularized in table 1showing maximum, minimum, average and standard deviation of colour identification, picture identification, reading and extra activities. Table 1shows all the students were average between 9 to 10. Fig 4.1 shows the activity performed by each student predicts that first three activities were performed well and some showed extra talent with extra activities. Different colours are presented for each child.

Table 4.1 Descriptive Statics

Activities Performed	Max.	Min.	Avg.	Std. Dev.
Colour Identification	10	8	10	0.6
Picture Identification	10	8	10	0.6
Reading	10	8	10	0.4
Extra Activities done	10	6	9	1.0

Fig 4.1 Bar Chart of different Activities performed after Mid brain Activation program.

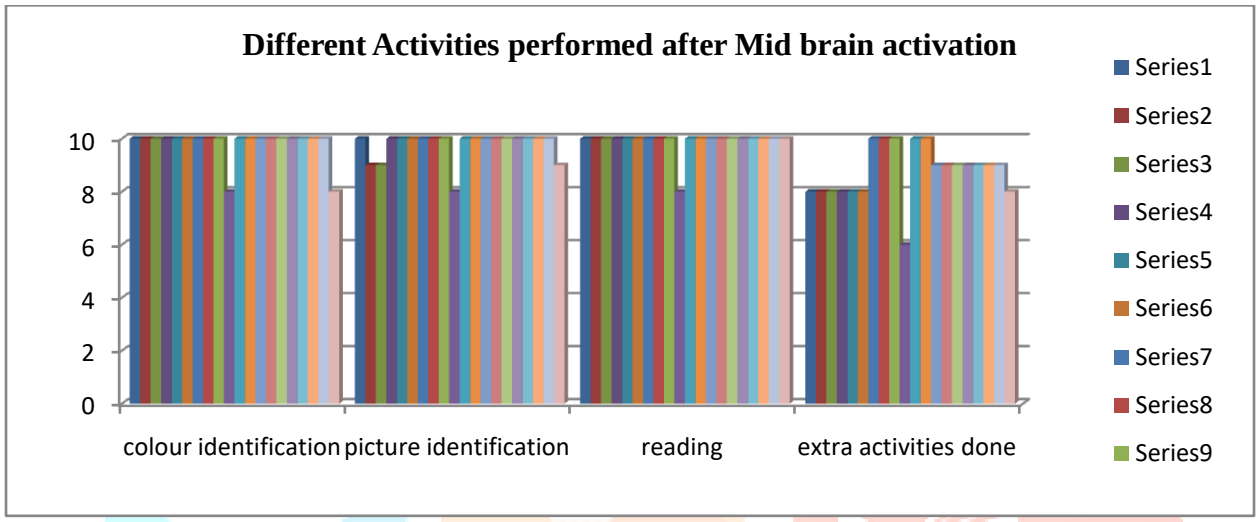
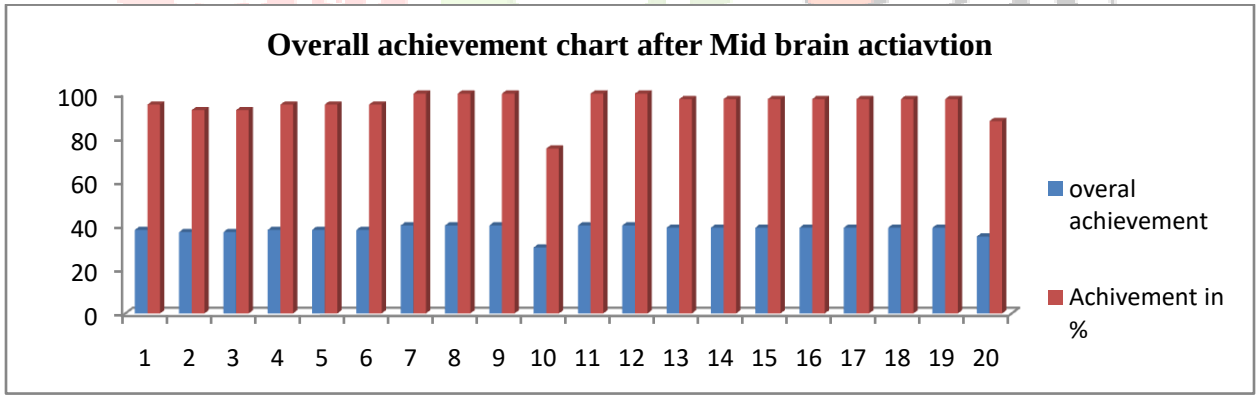


Fig4.2 predicts the Comparative bar chart overall development of each and every student. Blue column shows the overall development (in numerical value) and red column shows the overall development counted percentage wise. It was found to be nearly 100%, except one child, whose age was 16 years, showing that brain development process are more accurate and prompt for the age of 4-12 years [6].

Fig 4.2 Comparative Bar Chart of Individual Overall Development.



IV.CONCLUSION:-

From the above data and chart it is clear the mid brain can be activated for the age of 4 to 16 years easily. But as the age increases the brain also develops and the brain development process decreases due to formation of mature brain. Amazing results were found in the study area for the children age of 4- 14 years. Such whole brain developments can be used by the academician to sharpen the young generation and benefits with be helpful for growth of the individual child. And also the society will get enlighten with such bright childrens.

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