

Bala : Journey to a prosperous school**Dr.Pachling Somnath Kishanrao**

(Assistant Professor & Research Guide)

M.A(Marathi),M.A(Education Comm),M.Ed.,SET.,NET.,(Education)

SET.,NET(Marathi),Ph.D(Education)

Sahayog Sevabhavi Sanstha College of Education, Vishnupuri, Nanded (MS) India.

Abstract

Building/Vastu: The innovative idea of an educational tool is currently taking root in India and has gained considerable attention as the role of schools in the development of the individual in social existence and participation as well as in the creation of citizens through knowledge generation. Careful nurturing and innovative handling are definitely needed to shape the most sensitive stage of children's growth and personality development. Educational quality: The school environment plays a major role in teaching children to live with curiosity and imagination. Bala (building as learning aid) has taken this important step keeping in mind that unfortunately all these are not considered during the construction of the school. Considering the needs and expectations of the children's teachers and the community regarding the school, Bala (building as learning aid) has suggested many types of concepts for the school buildings and premises. These concepts are meaningful and useful for education and pedagogy, keeping in mind the sensitivity of children to the needs of the school environment. I hope that the physical improvements and concepts of school premises implemented by Bala (building as learning aid) will be beneficially brought to the world. In this age of globalization, not only goods and services but also various ideas should be exchanged freely. A school is not some stone and brick building but the right kind of learning environment which is suitable for students. Most of the school environment is an integral part of it. As the building plays the biggest role in the context of the school, it should be maximized for educational purposes. Because of Bala, (building as learning aid) every element of the school building can have a dual use of supporting the educational process as well as being a great educational tool for both learning and teaching. Bala's design ideas can be successfully incorporated into new as well as old constructions Bala (building as learning aid) team has nearly 150 design ideas available with detailed information on all aspects They can be incorporated in two ways.....I] Transforming elements like walls, floors, doors, windows, furniture, playground etc. into educational tools by incorporating design ideas.II] Making changes in internal and external environment that will motivate children to study.

Keynote : Building, Design Idea, Activity board, Social and emotional development of children.

Introduction :

As we enter the 21st century, we have introduced many new exciting schemes and challenging concepts to Shri Ganesha. Many individuals and organizations in the world are working to give new meaning to the new ideas and efforts of human beings. The global base for new ideas, strategies, methods, design and their planning is going on, and the World Bank is trying to bring light to it in a simple way by spreading awareness through discussion. As students spend more time in school, the concept of creating a pleasant learning environment in school came into being From this concept, it has been decided to implement the concept of Bala (building as learning aid) in a very low cost Bala Concept will give educational motivation to students.

Students spend most of their time outside the four walls only in the school, so not only the school premises are clean and functioning, but the exterior and interior of the school must be beautiful and educationally inspiring. So now Bala (building as learning aid) concept under pleasant education to create beautiful clean and educational atmosphere in private schools including Zilla Parishad schools in the state...

Emphasis will be placed on innovative changes to specific spaces by considering the building and creatively using doors, windows, floors, roofs, walls, verandas, toilets, handwash stations and grounds as educational materials.

That's the change that needs to be made :

1) **Building** - Calculating distance from school gate to class room Measuring actual length, width, height

of window Making class calendar with clock, Actual dimension of water tank drawing weight

2) **Class room** - Making charts of angle and alphabet shapes on the floor below the door, making fans in the classroom, color wheel and coloring, making various tools for fractions, making square fruits, making dot fruits, making spatial solar eclipses, solar eclipses, lunar eclipses on the ceiling.

3) **Ground** - Making use of waste space in the yard by building a large building. Creative use of space between two buildings. Making a map of the country with bricks and putting soil and sand in it and using it for geographical studies. A sundial using the moving shadow of the flagpole as a planetary scale orbit. Creating a botanical garden for the natural environment and putting names on the trees in it.

Objectives of the Bala (building as learning aid) initiative:

1. Utilizing the school building as a great educational tool.
2. To make students habit of self study.
3. To provide opportunities for study according to ability.
4. To make study and teaching process in a pleasant manner.
5. Building self-confidence in students to create knowledge themselves.
6. To create curiosity and inquisitiveness in students.
7. To master students in basic literacy and numeracy.
8. Removing the fear of school in the minds of students.
9. To create a pleasant, pleasant, encouraging environment in the school building.

Guidelines:

1. Under the Bala initiative, it is mandatory to have an outline of academic areas in books in every school and teachers should add to it according to their creativity.
2. Apart from this you can creatively use it as an educational tool depending on the availability of the building.

3. You have to provide the necessary educational tools like dice, cards, number cards for some materials separately.
4. Depending on the number of students, the required activity can be drawn more than once.
5. Under every activity, while the students are studying, the help of the teachers is needed at the beginning.

A school is not just a building or just a place for teachers and children to come together. It is a special place for children's learning and development. School helps children shape the future of the environment. Participation is a huge responsibility on the school. Therefore, it is important to have a school environment where learning and teaching should not be a chore but an overall beautiful and enjoyable experience. The physical environment of the school does not only include the school building and its spaces, but the outdoor grounds and landscaped gardens play an important role in enriching the experience of the children.

Creation and development of design ideas for schools:

1. A tool in creating an architectural environment: the design idea
2. Discrete characteristics of three-dimensional space
3. No change is necessary in the actual form of the building
4. Educational tools create lasting experiences
5. Consideration of important educational issues
6. Learning through laughter
7. Child friendly design
8. cultural differences
9. Nurturing school environment for children
10. Incorporation of design ideas into new construction or renovation.

Different elements of the school, classrooms, veranda surrounding area will be used innovatively and creatively to complement the natural behavior and aspirations of the children and also focus on how the different spaces can be used to maximum benefit by keeping in mind the socio-economic education of the children and keeping in mind the different intellectual abilities and physical abilities. Devya Bala team has 150 such different design ideas and

their complete information available. Schools should choose the right option according to their needs, conditions and financial capacity.

Planning and execution of Bala:

1. Study of the functioning of schools and planning accordingly
2. To introduce Bala to all in the field of education
Planning should be ready
3. Review of department wise planning method
4. Making funds available at district level
5. Formulating policies for coordination and assistance at the state level
6. Costing and Budgeting Designs to suit diverse funding scenarios for child training

Why is Bala?

- Bala's techniques can also be used with existing entities
- It can be easily implemented during new construction repairs or improvements
- Learning can be fun for children
- Many types of educational resources are available in outdoor spaces that children can access outside of school hours
- Bala's educational tools are not of a fixed mold and teachers can modify them according to their needs and methods
- As these tools are incorporated into the construction itself, they are durable and easy to use and are less likely to be lost or stolen
- Although it is fixed in one place, it can be used in various ways
- Even a small increase in the original cost increases the value of the school building.

Role of teachers:

The design ideas are created keeping in mind the pedagogy and instincts of the children and are not intended to replace the teacher or the curriculum. In fact, the true intended use of design ideas cannot be achieved without the active participation of teachers. Although the children can use the design idea on their own, it will not be done properly without the guidance of the teacher. The teacher should have the awareness and sensitivity to give us the freedom to use such educational tools at will. In the case of the

classroom, these design ideas will be placed on the classroom, This will make the classroom environment more student-centric and the relationship between the teacher and the students will be stronger.

Conclusion :

A school is not some stone and brick building but the right kind of learning environment which is suitable for students. Most of the school environment is an integral part of it. As the building plays the biggest role in the context of the school, it should be maximized for educational purposes. Because of Bala, every element of the school building can have a dual use of supporting the educational process as well as being a great educational tool for both learning and teaching. Bala's design ideas can be successfully incorporated into new as well as old constructions Bala team has nearly 150 design ideas available with detailed information on all aspects They can be incorporated in two ways.....

I] Transforming elements like walls, floors, doors, windows, furniture, playground etc. into educational tools by incorporating design ideas.

II] Making changes in internal and external environment that will motivate children to study.

All these people need to be fully informed in order to realize Bala's (building as learning aid) design idea. They should acquire the ability to think outside the box to find alternatives according to the need. To develop many spaces in the school premises from the point of view of pedagogy, the construction professionals should also reflect the educational experts from the shared implementation from the schools. Each school needs decentralized plans to achieve its own needs and objectives. We need to identify the needs, potentials and limitations of each school and prepare a master plan. Divisional authorities can study them and implement them. The building tradesmen can be trained as skilled tradesmen for the next job by providing proper training to the supervisors.

Referances:

1. Sahni, K.C (1998). The Book of Indian Trees, Bombay Natural History Society and Co-published by Oxford University Press, Bombay

2. Srinivasan,P.K.Manual of Mathematics Teaching Aids for Primary School,Central Institute of Educational Technology,NCERT,New Delhi.
3. Seymour,D & Beards,L.E(1990),Critical Thinking Activities in Patterns,Imgerly,Logic,Dale Seymour Publications.
- 4 .Dasgupta,M (1997),Low-cost,No-Cost Teaching Aids,National Book Trust,New Delhi.
5. Kumar,K 91986) The Childs Language and the Teacher,UNICEF.New Delhi.
6. Civil Works Unit of Education Consultants India Limited (EdCIL)(1999),Building Rural Primary Schools:Towards Improved Designs,The DEEP Experience.
- 7 .Civil Works Unit of Education Consultants India Limited (EdCIL),(2000) Child Friendly Elements for Rural Primary Schools:An Engineer's Handbook District Primary Education Programme.
8. Department of Elementary Education and Literacy,Ministry of Human Resource Deveopment, Government of India (2004) Sarva Shiksha Abhiyan(SSA): A programme for universal Elementary Education.Framework for Implementation.
9. Department of Education and science (1976), Acoustics in Educational Buildings,Department of Education & Science,Govt.of U.K.-Building Bulletin 51,London.
10. Vajpeyi,K.(1999) Use of School Built Environments as Teaching Learning Aid (Part-I),DFID,New Delhi,

