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Nursery School For Mentally Challenged Children

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ABSTRACT

The main reason to have a nursery school for special children because there are 78,64,636 numbers of special children in India and there are only 3811 numbers of special school in India.

As expressed in the research we still lack a proper nursery school for mentally challenged children where they can go to school, learn, play like other normal students.

Now is the right time to open a nursery school for mentally challenged kids since it will be valuable for the owners, parents of the kids and the interior design experts since there are few of such nursery schools in India.

The main objective of having a nursery school for special children is that it will satisfy their parents. It will also satiate the children. Owner can also get returns and can inspire other by such work. Mental satisfaction for parents.

KEYWORDS: Interior design, special children, nursery school

INTRODUCTION

Interior design is the process of decorating and furnishing the inside environment usefully and functionally in an aesthetically beautiful manner.

The combination of artistic, creative and professional elements. This upgrade is done with a primary aim of focusing on the comfort that is provided, functionality and the looks on the exterior.

Some key aspects are:

- Color schemes
- Space planning
- Furniture selection
- Lightings
- Material and Textiles
- Decorative items

Color theory is very important in interior design language.

Color theory is primarily how colors look when placed beside each other, how we combine them to make hues.

Colors are basically divided into three types:

Primary: Red, Blue, Yellow

Secondary: Green, Orange, Purple (these are created by mixing two primary colors)

Tertiary colors are formed the mixing of primary color with secondary, red-orange, blue-green, yellow-purple

Colors as psychological effects

- Red: passion, energy
- Blue: calmness, trust
- Yellow: happiness

Green: Nature and Growth

Purple- Luxury, Spirituality

Black: Represents, power mystery

White: symbolizes simplicity, purity and cleanliness

Warm colors: reds, oranges and yellows Cool colors: blues, greens and purples

Space, form, line, light, color, pattern and textures are 7 elements of interior design.

Space:

Space can be separated into two parts-

Positive space: The region in which the contents of drawing fall.

Negative space: the spaces void of any object.

Positive and Negative space itself help to make that harmonious balance.

Forms:

They can be either geometric (square, rectangle) or organic (flowy and nature inspired)

Forms can be 2D or 3D

Lines:

There are 3 types of lines

Vertical lines represent height and stability

Straight lines — stability, restfulness

Dynamic lines -Curved, 45 degree and jagged line

Lights:

Lights is very important in interior

· Natural light

· Artificial light

Colors:

Color can make a room feel warm or cool, tiny or large.

The color wheel is necessary to make things easier (like in choosing different types of color schemes, monochromatic or complimentary etc.)

Textures:

Textures — How the surface feels like rough, smooth soft, hard, glossy matte

Patterns:

Patterns are repetitions of shapes lines or colors.

Balance, harmony, rhythm, proportion, scale, emphasis, contrast are some principles of interior design.

The main objective of interior design is to create places that are more functional and comfortable.

Interior design is used almost everywhere such as

- Residential- living room, bedroom, kitchen, bathrooms, dining areas, home offices etc.
- Commercial- offices, restaurants, cafés, stores etc.
- Hospitality spaces- hostels, resorts
- Public Spaces- Museums and galleries, library, airports and stations
- Health care spaces- Hospitals, clinics, dental, veterinary offices
- Educational spaces- Nursery, day care, schools and universities
- Cultural and religious spaces- Churches, Mosques, Temples
- Event spaces- Banquet halls, theatres and cinemas
- Outdoor spaces- Gardens and patios, pools and spa etc.

A nursery school is very essential aspect for a child to learn, play and even attempt to socialize in early years before joining primary school.

A nursery school also known as preschool is usually for children who are three to five years old.

They assist children to participate in fun and learning programs such as puzzle, blocks, talk and play.



In nursery school children also learn various things which includes number, alphabet, colors and shapes. Also, makes them develop physical fitness by activities like running, jumping, playing etc.

Nursery schools also have timetables such as play time, study time, story time, snack time, therefore they get used to routines and time tables.

There are many types of children in nursery school, but there are certain kids that require a special nursery school through which they can play with other kids without any embarrassment as like other kids require.

Special Children can be defined as children who require special attention in terms of needs or ability such as, the physically impaired, the developmentally disabled or more specially if there is any condition such as autism, down syndrome or any type of cerebral palsy or any other condition that slows down physical or emotional growth.



A child with learning disability is likely to have learning problems, speech disabilities and problems in interacting with fellow human beings. They require additional effort to be channeled and nurtured so they can unlock their potential. That is why, creating favorable conditions, giving proper education and receiving therapy, they can be beneficial and develop. They should be loved, encouraged and treated kindly because the Lord Jesus Christ commanded that we should not harm any child but should treat them well – to love them.

However, there are mentally challenged children also known as Intellectual disability (ID) who can learn new skills & the only issue is that they take longer time as compared to normal children. It is because new cultural relationships need concepts, time and compassion. These are the reasons why they require more focus, and effort.

A nursery school is very essential in the lives of these children because it is part of the initial education that a child is presumed to pass through. It is a center for children studying, recreation and discovery. Everyday children can go to nursery schools while it is equally right for special children to go to the same schools as well.

There are 78,64,636 numbers of special children in India

To interact with children, one should be:

- Patient and understanding
- Encourage and support
- Use simple language
- Learn about their condition
- be positive
- Create a healthy and interactive environment
- Friendly.

REVIEW LITERATURE

1. Kaan Gökçakan, 2016: Characteristics of Colors, Interior Design And their Psychological and Physiological Effects. TOJET: The Turkish Online Journal of Educational Technology, November 2016 (Colors play a very important role in a person's life. Colors do affect the mood of a man. He gets around 87% of sensory information through colors). [1]
2. EVELYN H.O.,2015, Role of nursery education on primary school pupil in Nigeria, Journal of Education and Practice (Nursery school is the most important part of children life. The pre-school or the nursery school is the foundation of education of the child. The nursery school provides physical, health, emotional, and social development of the child.) [2]
3. Johnson Amanda, 2018, Sustainable Interior Design, Sustainable Design Journal (the research focuses on how sustainable materials help to reduce waste and environmental impact while maintaining aesthetics and functionality and also explains how sustainable material helps in reducing cost.) [3]
4. Hidangmayum Narmada, Khadi Pushpa,2012, Parenting Stress of normal and mentally challenged children, Karnataka Journal of Agricultural Science (according to their research they learned that there are high percent of parents of mentally challenged children has parenting stress around 73.4% than parents of the normal children 21.7%.) [4]
5. Gupta Mohan Madan, Mentally Challenged children, Rama university journal (according to this journal, shocking fact is that there are approximately 2.5 to 3% of the total population are mentally challenged. The WHO has estimated that around 10-20% of all children have some form of mental disability.) [5]
6. Ahmad Nadeem, 2019, study of health status and factors affecting mentally challenged children, (according to this research, the mental health of the child affects not only his physical health but also the learning process. There are around 58 mentally challenged children in school at Sanganer, where there are 68% of mentally challenged children of age group 5-9 years. [6]
7. Yoshikawa Hirokazu, 2013, Effectiveness of Early Childhood Education Programs, Psychological Science in the Public Interest (this paper tells the effectiveness of early childhood education program that helps children to learn and understand and social development.) [7]
8. Runswick-Cole, 2009, Educational and Social Support for Children with Special Needs, British Journal of Special Education (the author discusses the importance of education and social strategies for special children. The paper describes how important education is for special children and the challenges they face by educators and parents in providing good care). [8]
9. Dunn, 2017, Sensory Processing Issues in Children with Special Needs, The American Journal of Occupational Therapy (explains how problems with sensory processing impact children's everyday functioning who have special needs and how occupational therapy may be able to help). [9]

10. Sammons Pamela, 2004, The Early Years: Evaluating the Impact of Nursery Schools on Child Development, Oxford Review of Education (This study investigates the impact of preschool education on children's social and cognitive development. It is based on the Effective Provision of Pre-School Education (EPPE) Project, which conducted long-term research on over 3,000 children across England. The study found that high-quality nursery education has a significant positive impact on children's development, notably in the areas of reading, numeracy, and social skills). [10]

RESEARCH GAP

The review literature said that colors have a major impact on people but what about the special children how do colors affect them. That's the research gap which should be filled.

The other review literature states that there are number of nursery schools for children which provides them physical, emotional and social development, but not for the special children.

PURPOSE

The main reason to establish a nursery school for the special children is due to lack of such nursery schools (there are only 3811 special schools in India) for them; there are 78,64,636 numbers of special children in India who require to have nursery school where from they can start learning, playing as well as growing in a good manner.

This can also satisfy the parents as they do not have to worry about their children future as from the base, they can take their children to nursery school where the special children can learn like ordinary children do.

OBJECTIVE

- The biggest advantage of establishing the nursery school for special children is the fact that it will meet the needs of the parents.
- It will also satiate the children.
- Owner can get returns. Further such work also can inspire other.
- Mental satisfaction for parents.

AIM

- The nursery school will enable the special children to learn, play, interact and grow in an environment that has been designed for that purpose.
- It will create awareness to have such nursery schools for special children.

HYPOTHESIS

It will satisfy the parents.

Help the children.

Economically beneficial for the owner.

LIMITATIONS

The nursery school will be designed in urban area in Bhopal

METHODOLOGY

The first step was to identify 10 problem-solving topics. Out of these, two topics were shortlisted: Music Design Studio and Nursery School for Special Children. For both topics, a detailed synopsis was prepared consisting sub headings such as Introduction, Review of Literature, Research Gap, Purpose, Objectives, Aim, Limitations, and Conclusion.

After a comparison of both the synopsis, the last topic selected for the thesis is 'Nursery School for Special Children'. The next procedure was to search for information and research on this that is, the current topic. To gain practical insights, two live case studies were conducted:

A visit to a nursery school for normal children in Bhopal to understand its structure, design, and facilities.

A visit to a school for deaf students to learn about the specific needs and design considerations for children with disabilities.

Additionally, the main part is to observe and understand the feelings of the special child.

This process also involved analysis of materials that are used in designing good environments, layouts and special design solutions that are aimed at learning requirements of children with certain disabilities and providing them with convenience, comfort and safety.

CONCEPT AND DESIGN

WINGS OF WONDER ACADEMY

WINGS:

Wings mean freedom, development and boundlessness. In a nursery, wings depict chance or the potential every child has of coming up regardless of what he or she undergoes. For childhood development, teachers provide the wings that children need in order to fly towards their future.

Wings are also symbolically connected with hope, dream, the strength to attempt at least something new.

CLOUDS:

Clouds are warm and safe which makes them immune to creating harmless environment. Delight children and symbolize the strength of children's imagination and encourage people to be childlike.

Children also find clouds representative of freedom and possibilities, and so there ain't any restrictions to what they can imagine.

RAINBOW:

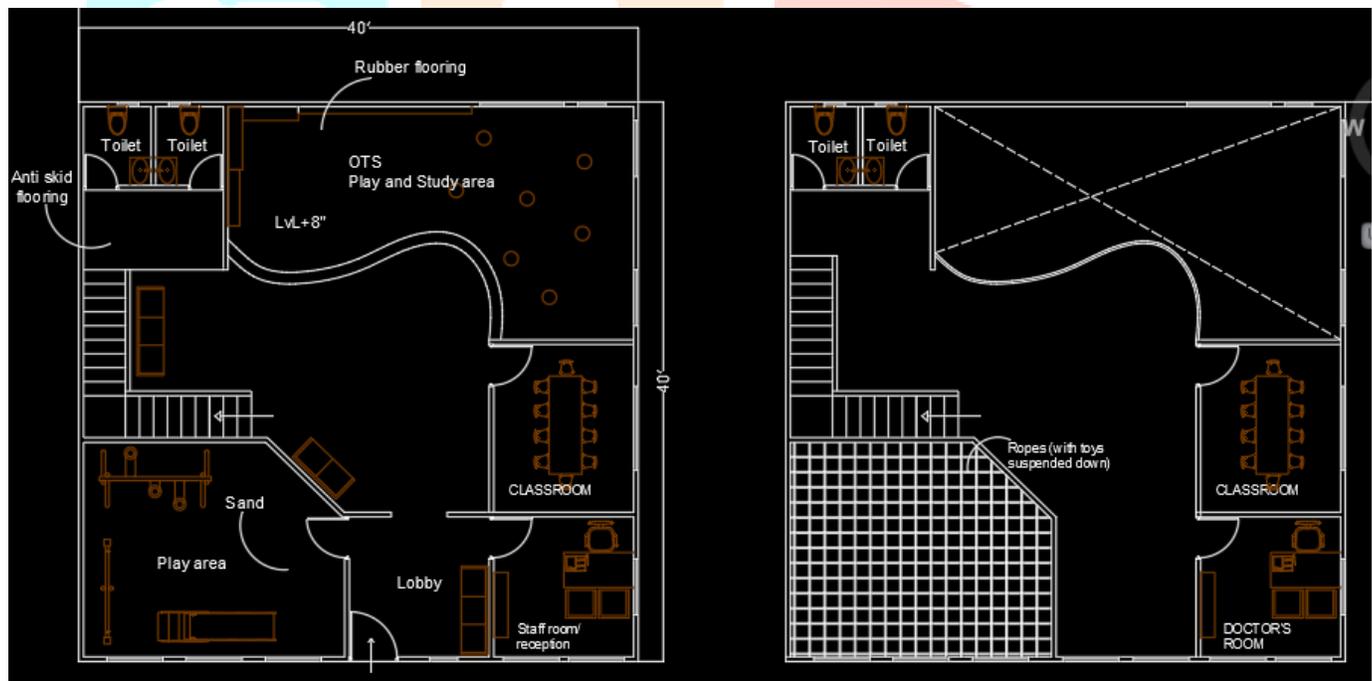
Each child is special thus the rainbow which stand for hope and unity. In rainbow colors every single color has its own purpose such as kindness, patience and joy. It also recreates the idea of unity in diversity and togetherness in as of we are all different but the beauty of uniting in one source.

This concept holds the opinion that each child is special as every color in the rainbow is distinct. Combined, they make something lovely and special out of nothing in particular. Beside wings of support and clouds of care the school fosters the children with love and nurturing, which allows the child to work, play, learn and be creative to the best of their abilities. It promotes imagination, introduces distinctions and inclusion, thus make every child feel valued, wanted and capable to be special in his or her own way.

DESIGN

SITE: Ayodhya Nagar, Bhopal, Madhya Pradesh

AREA: 1400 sqft.



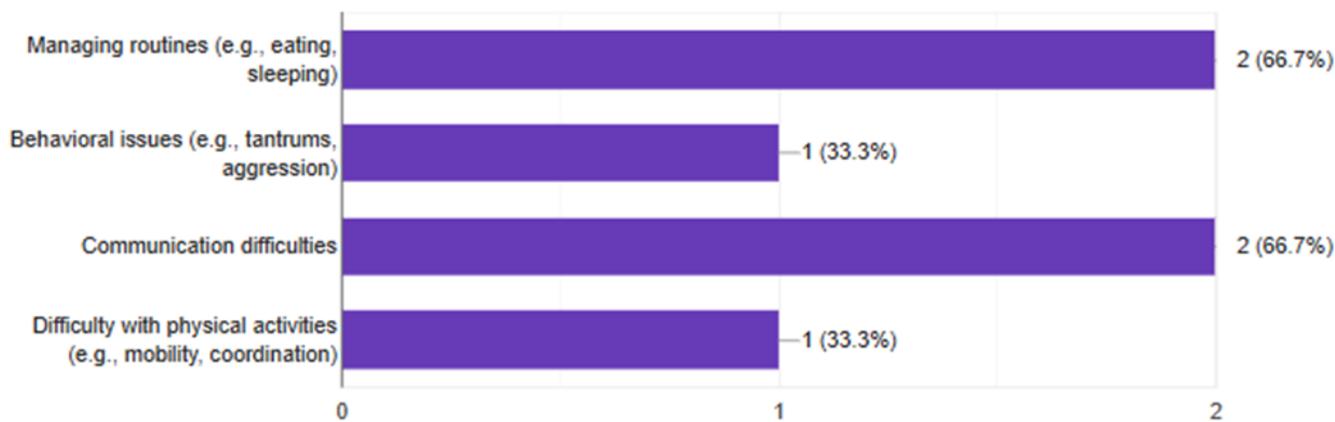
GROUND FLOOR

FIRST FLOOR

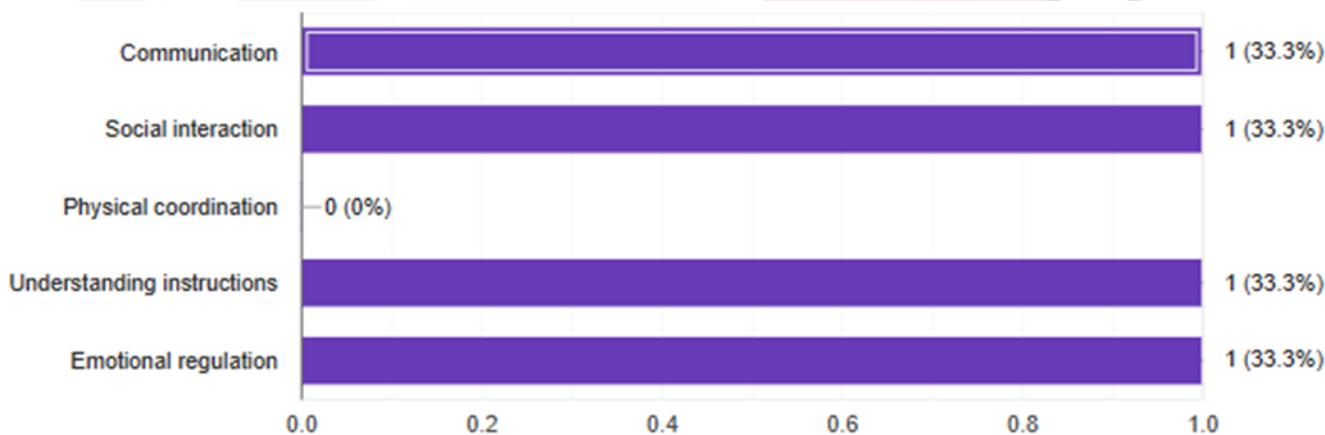
RESULT and DISCUSSION

Google form for special needs children’s parents

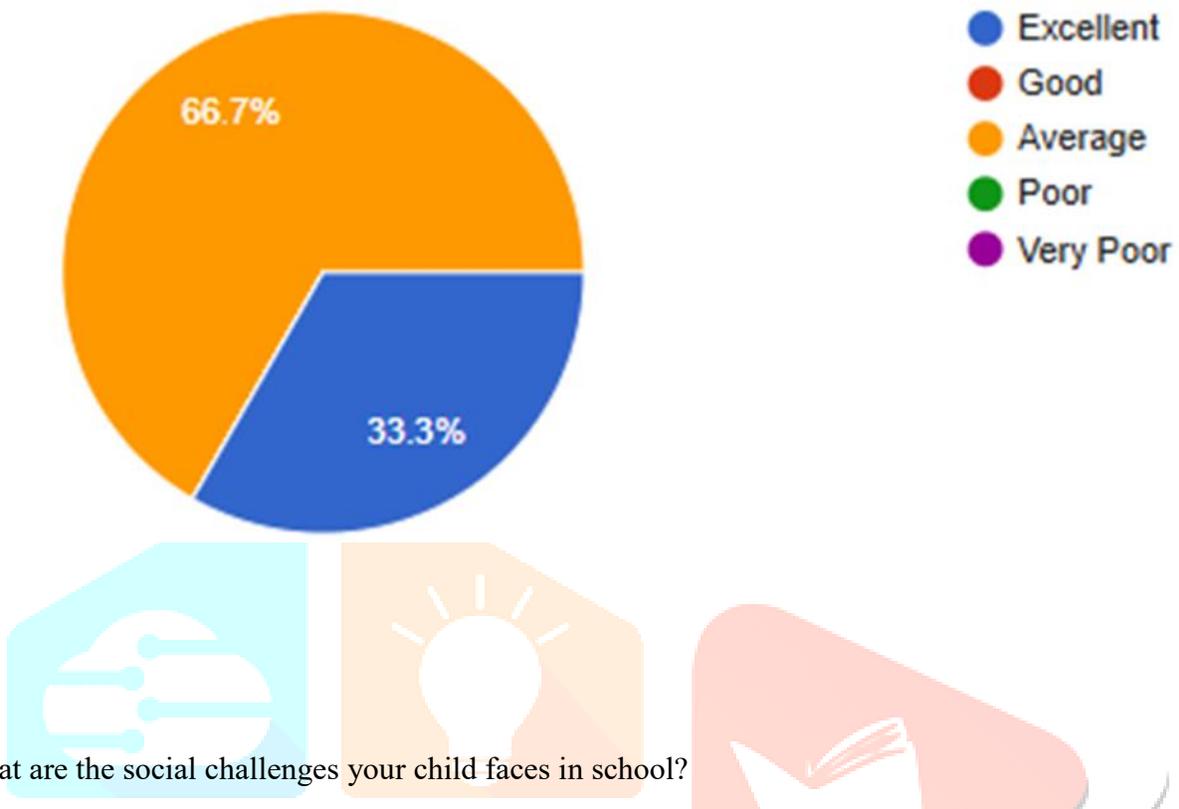
1.What are the major challenges you face in your daily life while taking care of your child?



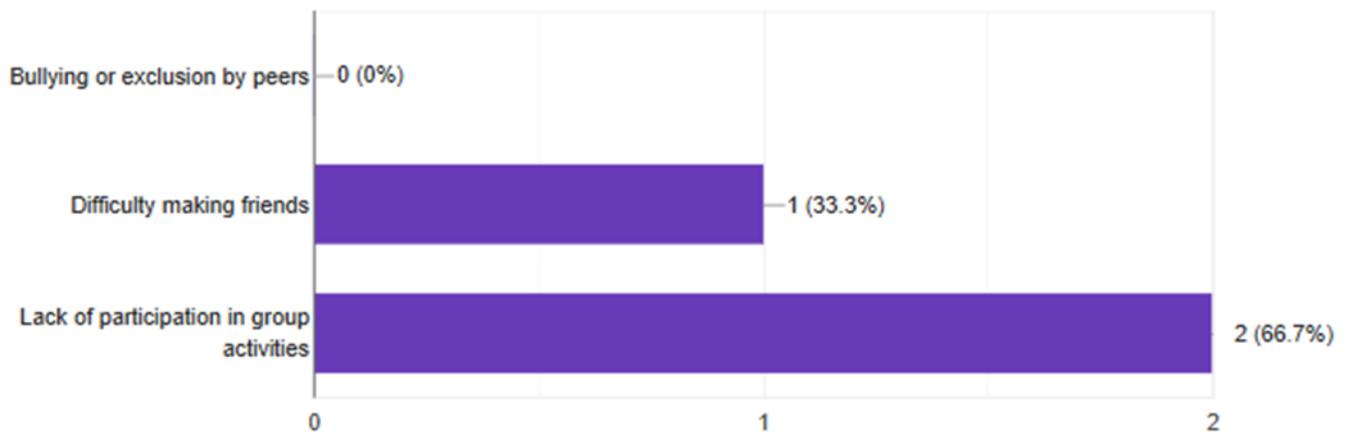
2.What are the most challenging daily activities for your child?



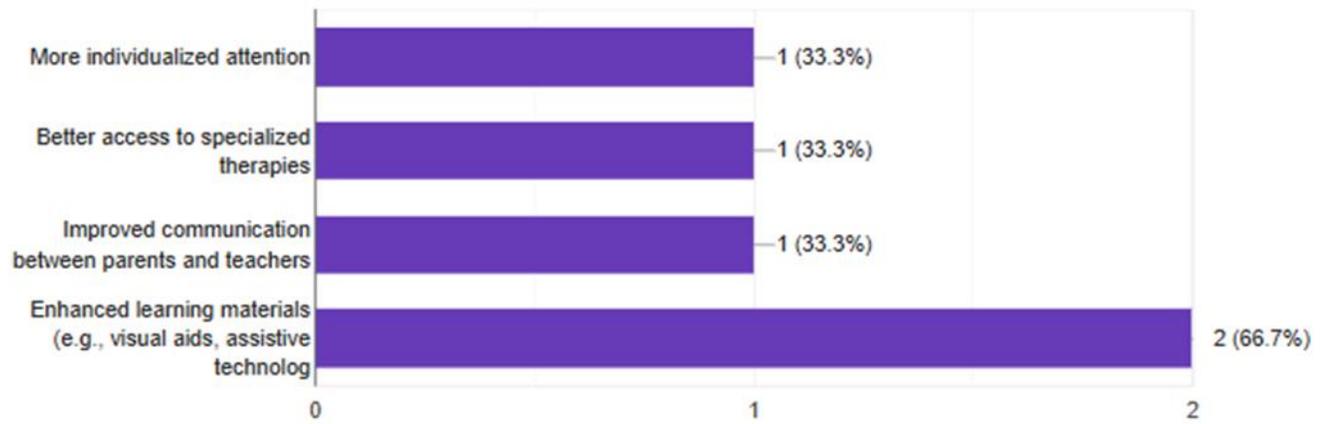
3.How would you rate the level of emotional support you receive as a parent of a special child?



4.What are the social challenges your child faces in school?



5. What additional support do you think your child needs to succeed academically and socially in school?



6. What has been the most challenging part of raising a child with special needs?

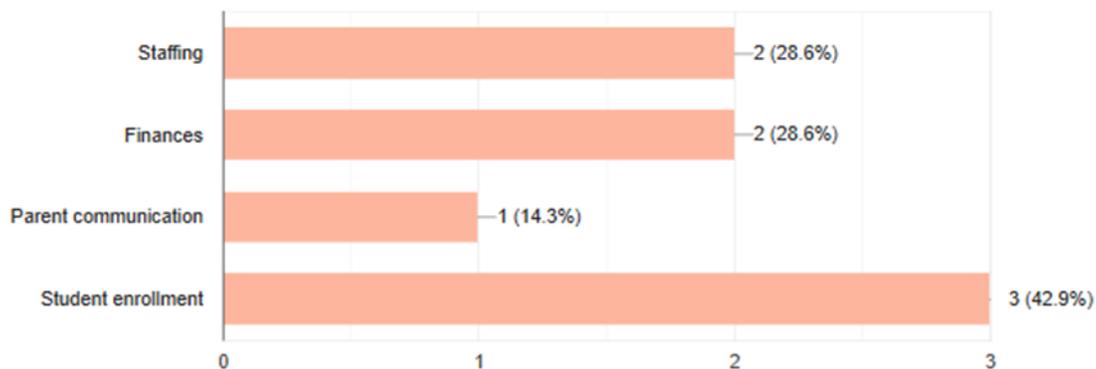
- Understanding
- Difficulty attending social events due to sensory issues, struggles with finding adapted clothing for their child's needs, and facing unique communication barriers that require specialized strategies
- lack of understanding

7. What things make your child happy?

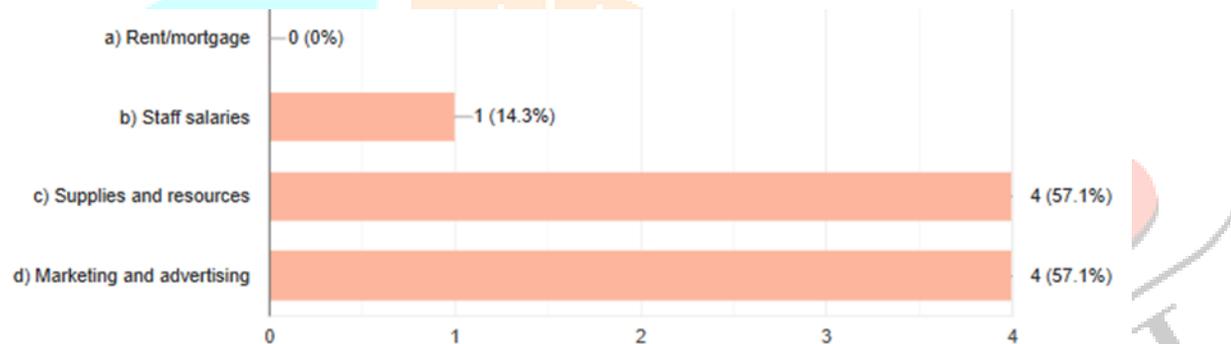
- Family time
- Playing
- travelling and watching youtube / music

Google form for teachers

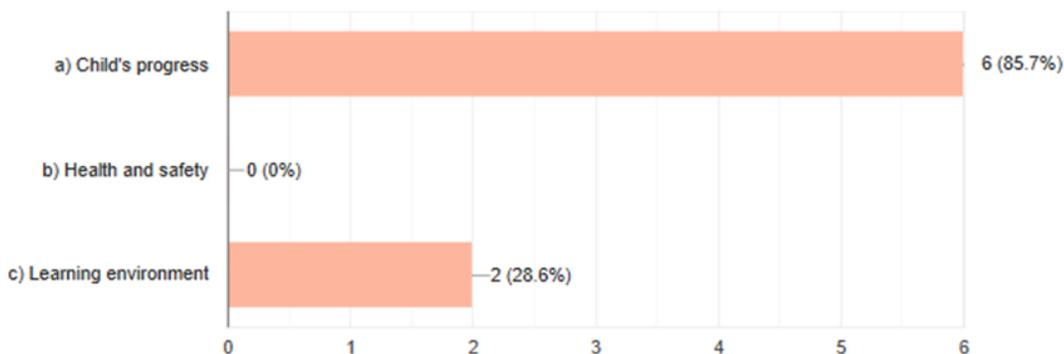
1.What is the biggest challenge in managing your nursery school?



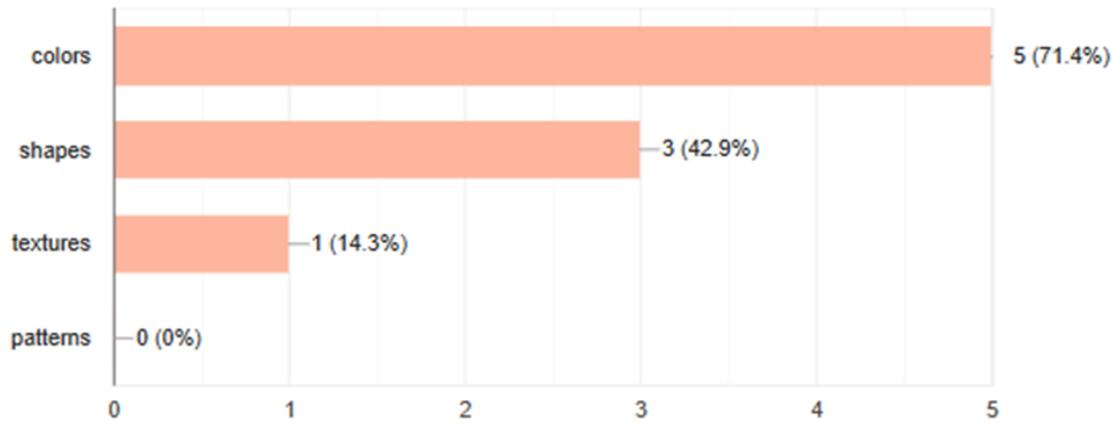
2.What is your greatest financial burden in running the nursery?



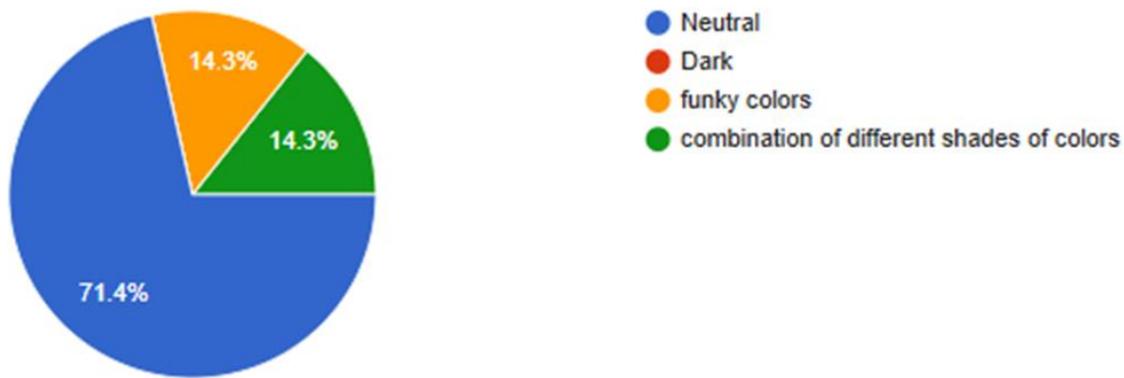
3.What are the most common concerns parents bring up?



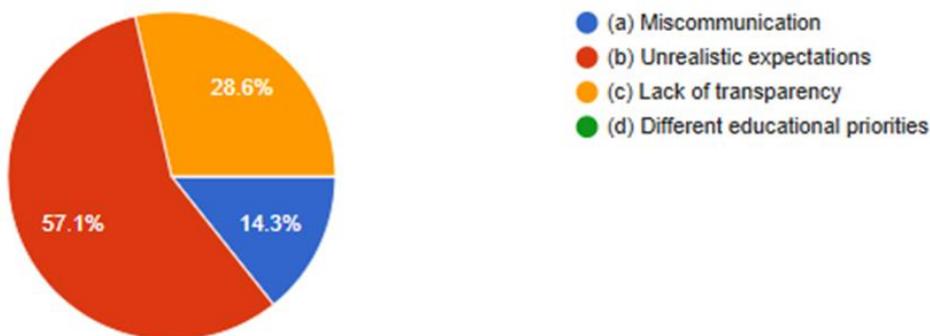
4.what excites the child more? (your opinion)



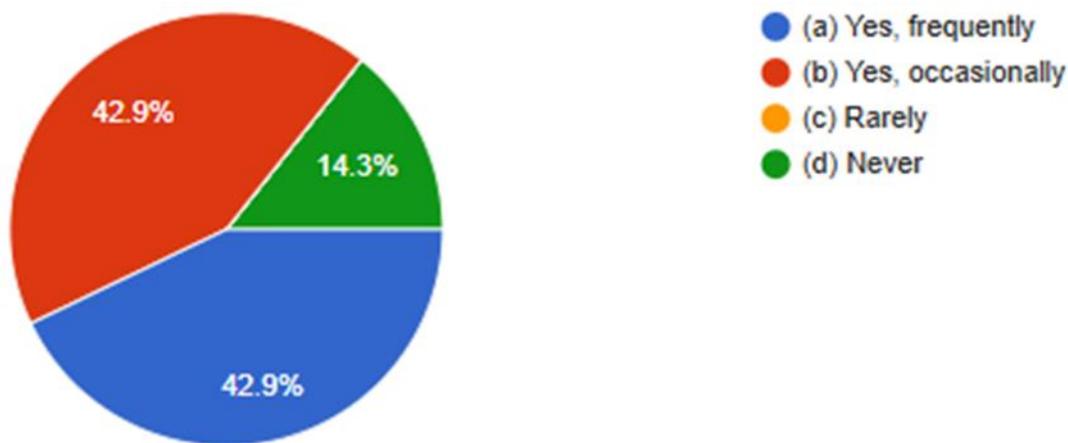
5. what type of colors does children love to have in their classroom (your opinion)



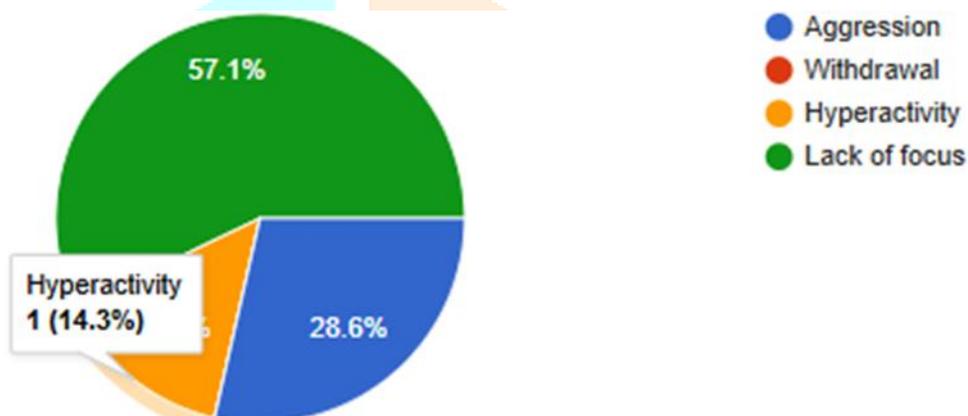
6. What are the main challenges in building trust with parents? (your opinion)



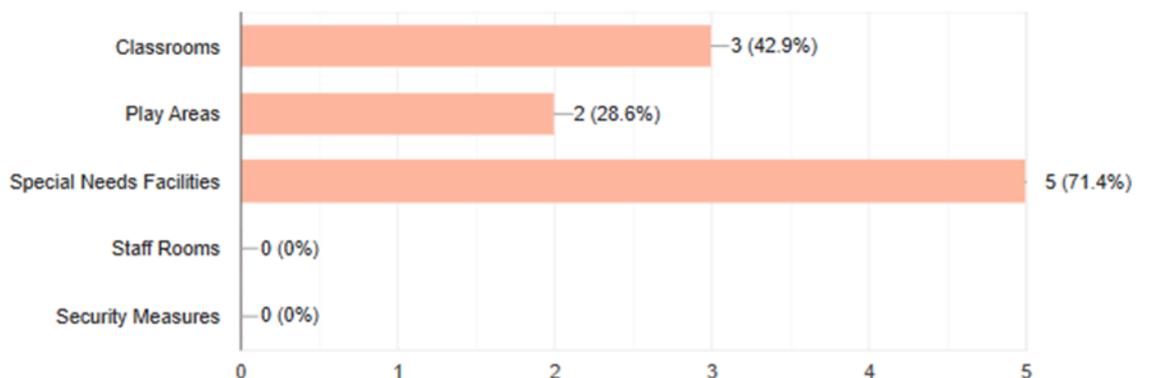
7. Do you collaborate with external specialists (e.g., therapists, psychologists) for special needs management? (your opinion)



8. What specific behavioral issues do you face with special needs children? (your opinion)

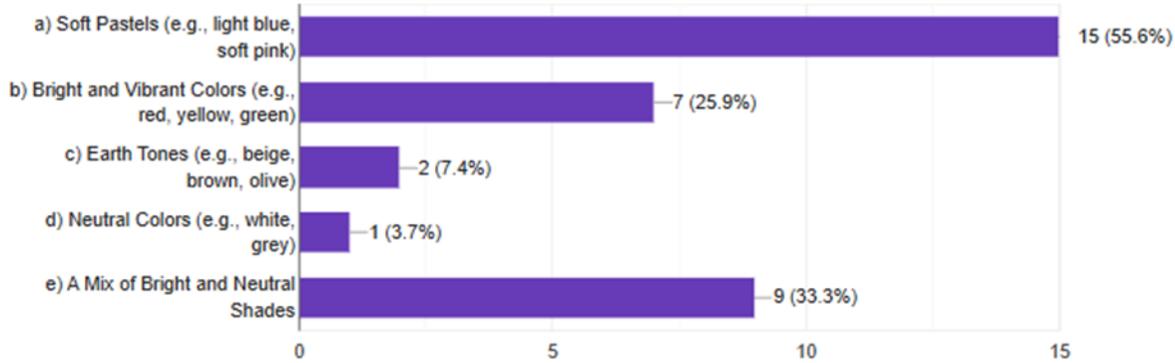


9. What type of infrastructure improvements would benefit your school the most? (your opinion)

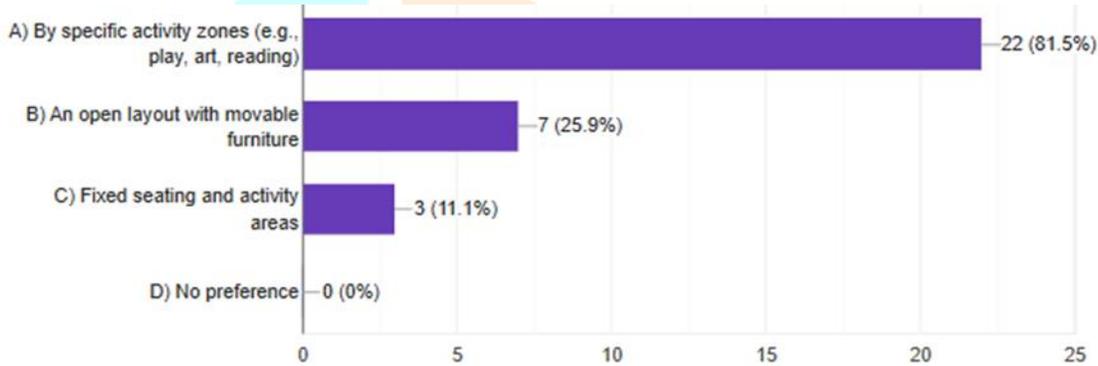


Google form for students

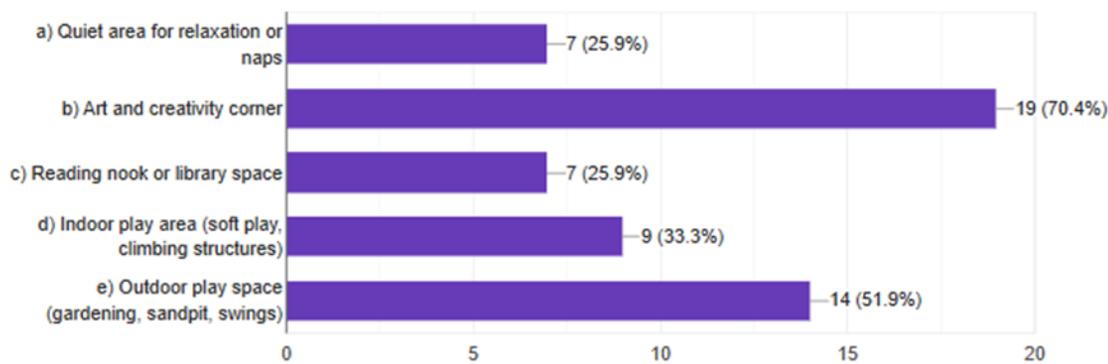
1.What colors do you think are most appropriate for nursery school walls?



2.How should the classroom be organized?



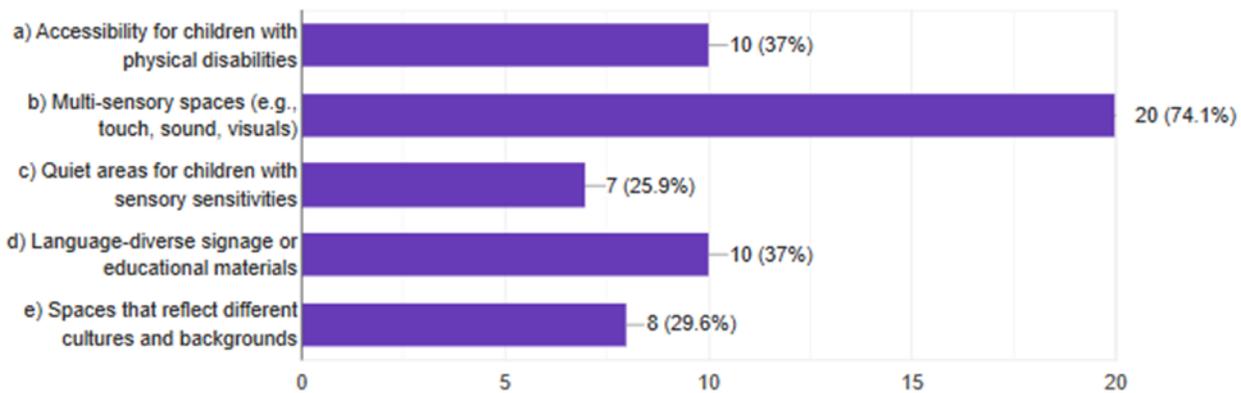
3.What additional areas should a nursery school have to support the children’s development?



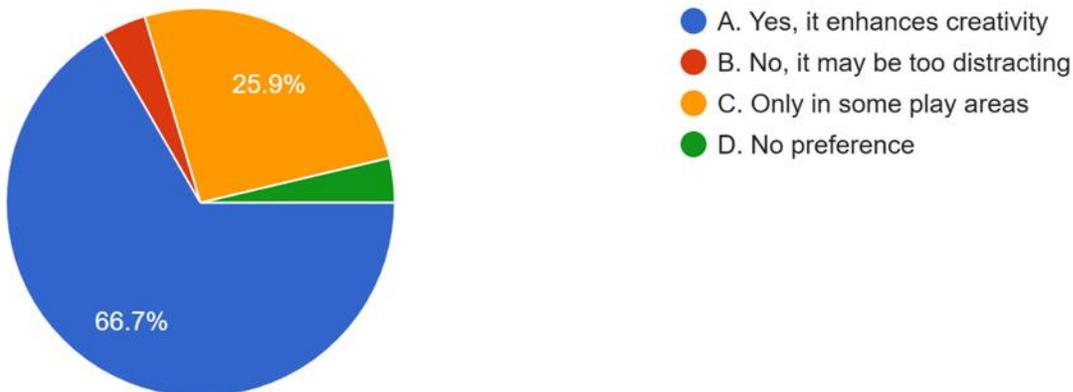
4. What kind of furniture do you think is best suited for nursery school children?



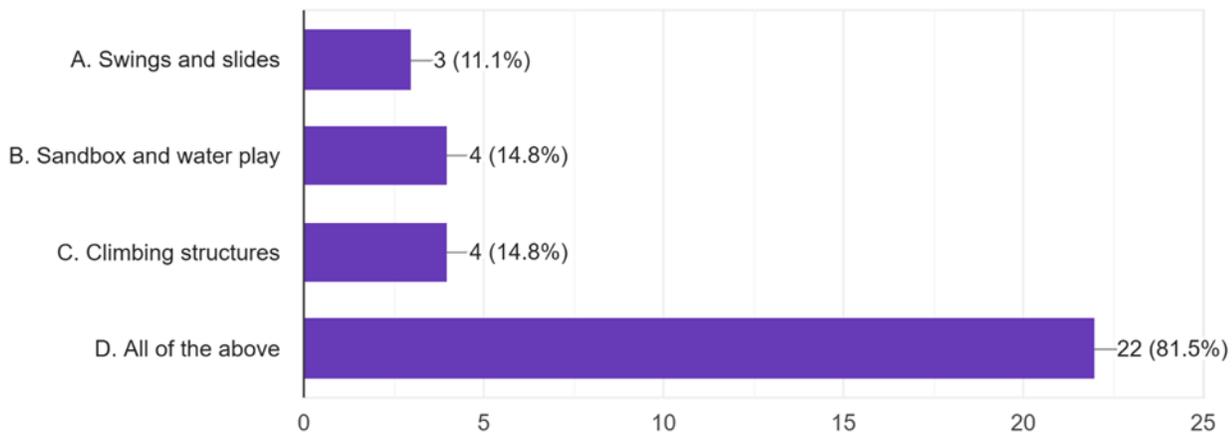
5. What features would make a nursery school classroom more inclusive and welcoming for all children?



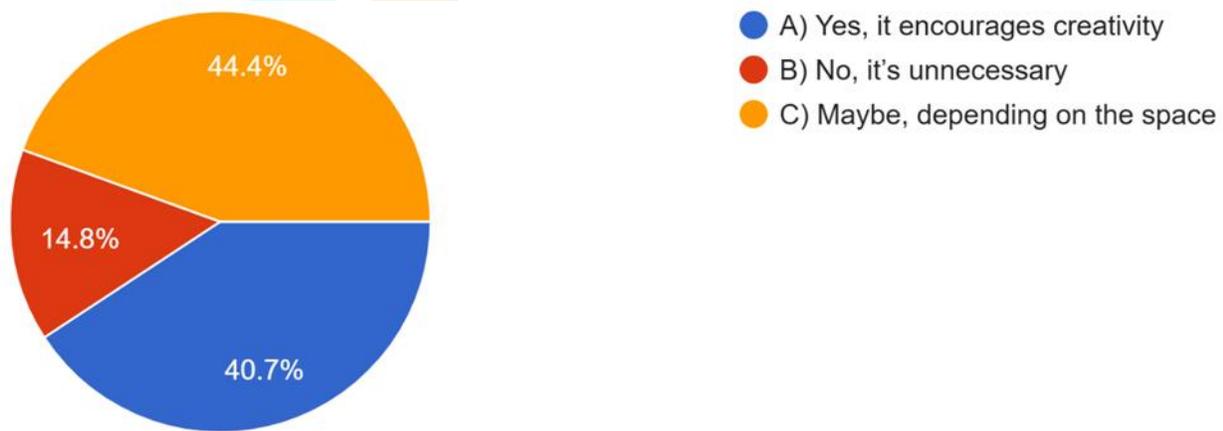
6. Should there be themed rooms (e.g., jungle, ocean, space) in the nursery?



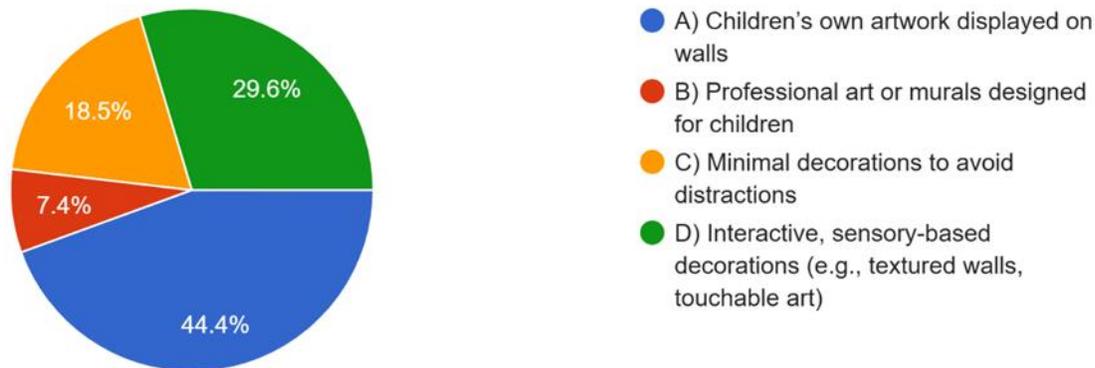
7. What type of outdoor play equipment should be included?



8. Should the nursery classroom include flexible furniture (e.g., foldable, movable)?



9. Which type of artwork or decoration would you prefer in a nursery school?



CONCLUSION

The purpose of this research therefore is to draw the need for designing a nursery school for mentally challenged children as this need is real. This kind of a school would enable them to have a chance at learning, at playing and at growing and feeling just like all the other children and not feeling out of place, left out or

different. The attention would be paid to the formation of the appropriate setting for these children in order to receive necessary basic skills at early age to determine the success of the future education.

At the moment, parents with a child with a mental disability experience a lot of stress and concern when it comes to their child development. A specialized nursery school will not only help the children to become better people but also guarantee parents that their children will be in a good mood and will be understood. Such a school would also should offer information, advice, and updates as well to parents so that the parents would also have a feeling of being involved with a child.

Besides, this initiative would also help to raise an awareness and a sensitivity of educators, caregivers, as well as the community. The right of these children can be observed through a highly trained teachers and staffs in leading patiently and with empathy. Such schools would have ensured this message of equality to be embraced by children and the rest of society. Education is not just about investing in such institutions but it's also about proactively and positively preparing every child for the future he/ she deserves to excel in.

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