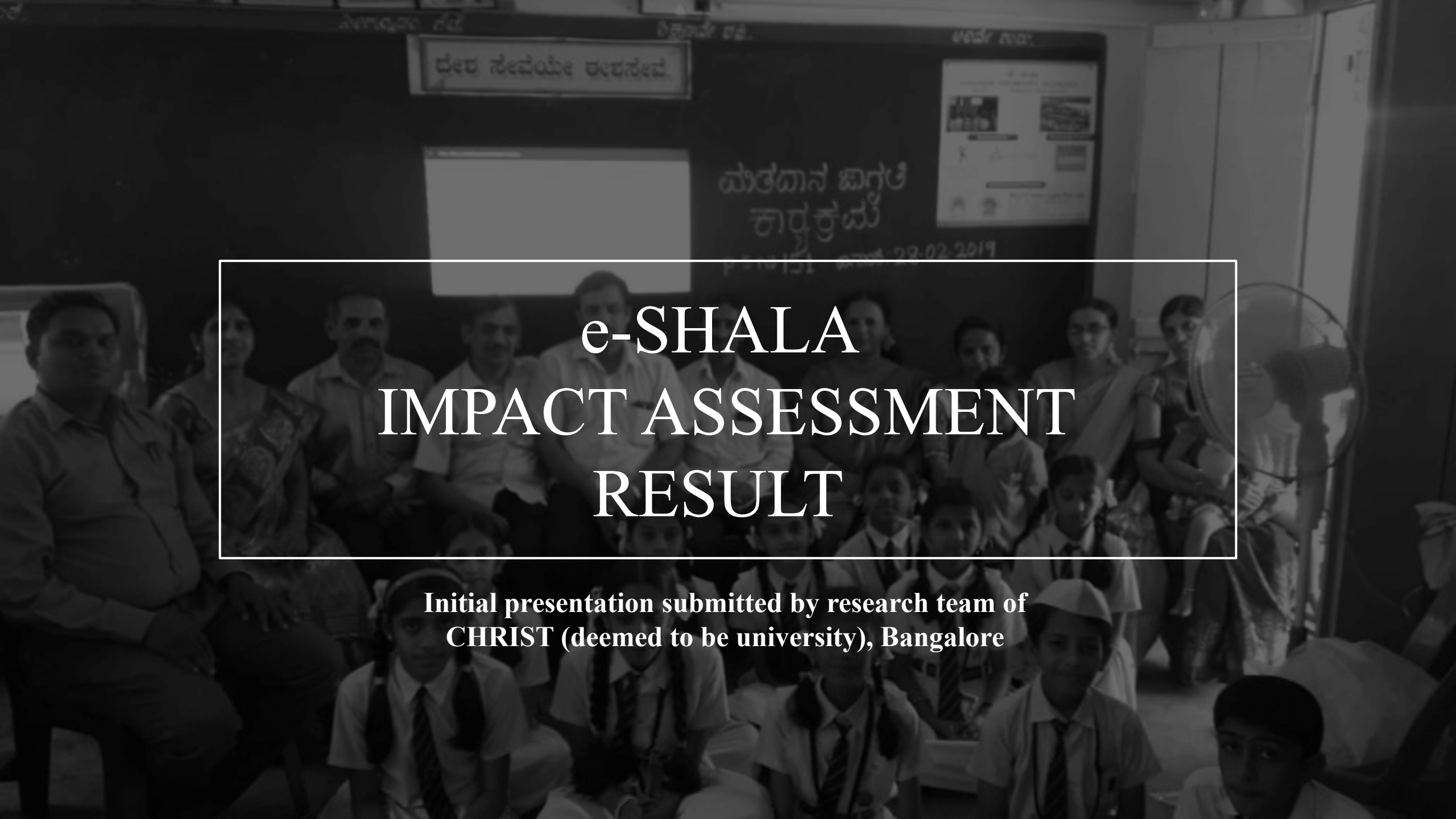




e-SHALA IMPACT ASSESSMENT RESULT

**Initial presentation submitted by research team of
CHRIST (deemed to be university), Bangalore**



Harnessing the power of education to
create a paradigm of positive change



Bringing impact through sustainable
energy innovations and enterprises

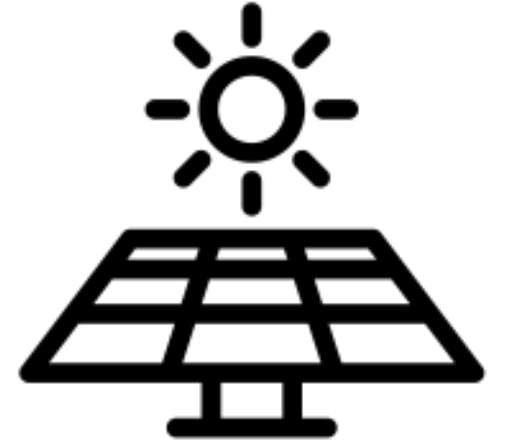


Connecting students to opportunities
and new experiences of learning

e - SHALA DIGITAL LEARNING PROJECT

Project details

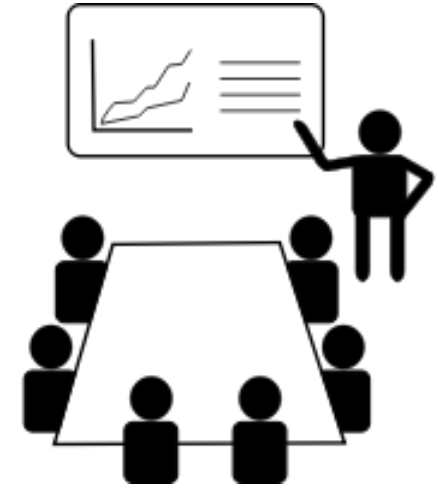
- Delivering digital content as a supplement to the curriculum of government schools in Karnataka for Math, Science and English
- Powered by solar energy through the intervention of Selco Ltd
- Besides the three partners, a fourth partner supports adoption of smart boards in classrooms.



CHRIST (deemed to University) ROLE

- Centre for social research and policy, CHRIST (deemed to University) proposed to sample 160 government schools in the state of Karnataka out of 1822 schools (approx.)
- Tool was developed by the CHRIST team. This was validated by the three funders.
- Pilot study by the CHRIST research team to test the tool.
- Prepared training tool for the field investigators.

South - 40	West - 40	East - 40	North - 40
Bangalore rural Mysore Ramanagala Tumkur Kolar & Chikballapur	Upadi Uttar Kannada Chikamangalur Daksin Kannada	Raichur Chitradurga Davengere Koppal Ballari Bidar	Bidar Gulbarga Dharwad Belgaum Bagalkot



Methodology



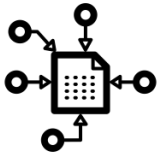
- Short listing organization / NGO / individual partners with expertise in field survey by interviewing them. All the individual field investigator either came with previous research back ground or with MSW



- Training of selected field investigators. In field training was given to each field investigator.



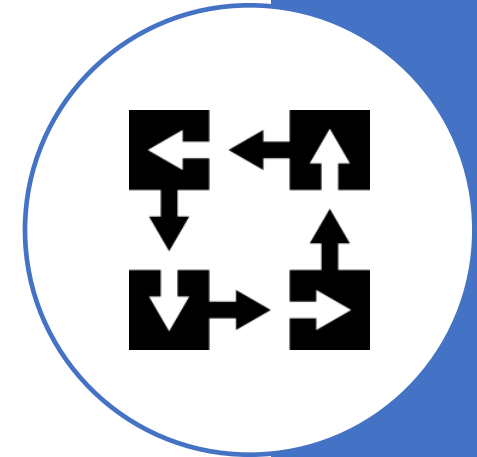
- Coordination between field investigators and Selco team members. Along with daily feedback meeting with CHRIST team.



- Data collection from each field investigator once the interview was done.



- Data entry, Data cleaning, scrutiny and analysis was carried out at CHRIST.



MULTI-STAKEHOLDERS APPROACH



Field investigators.

SELCO field team



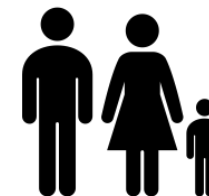
Schools management



Teachers



Students



Parents & Community

AIM OF THE PROJECT

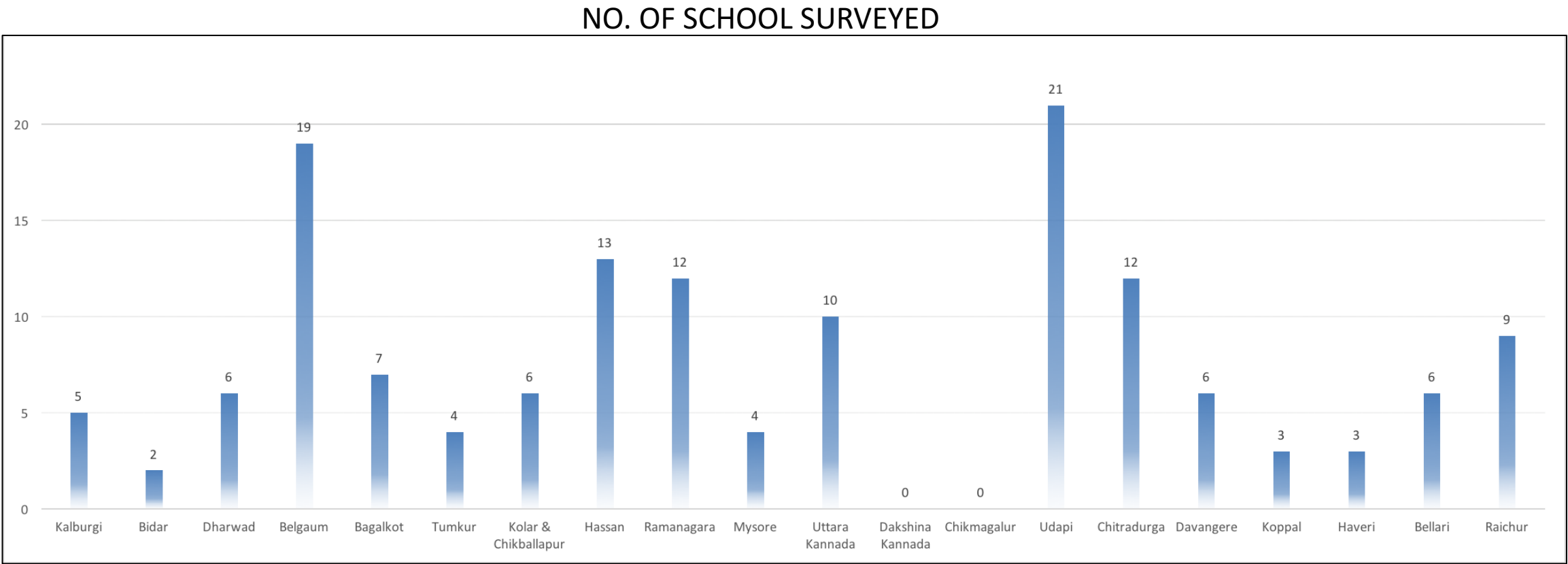
- Improvement in the **quality of classroom teaching**.
- Increase in **attendance** and reduction of **drop-outs** in schools.
- Learning **effectiveness** and ability to **visualize**.
- Better **understanding and retention** of the subjects.
- **Supplementing resource material** for teachers facilitates lesson planning.
- Promotion of sustainability through the **use of energy efficient solar powered technology**.



FINDINGS

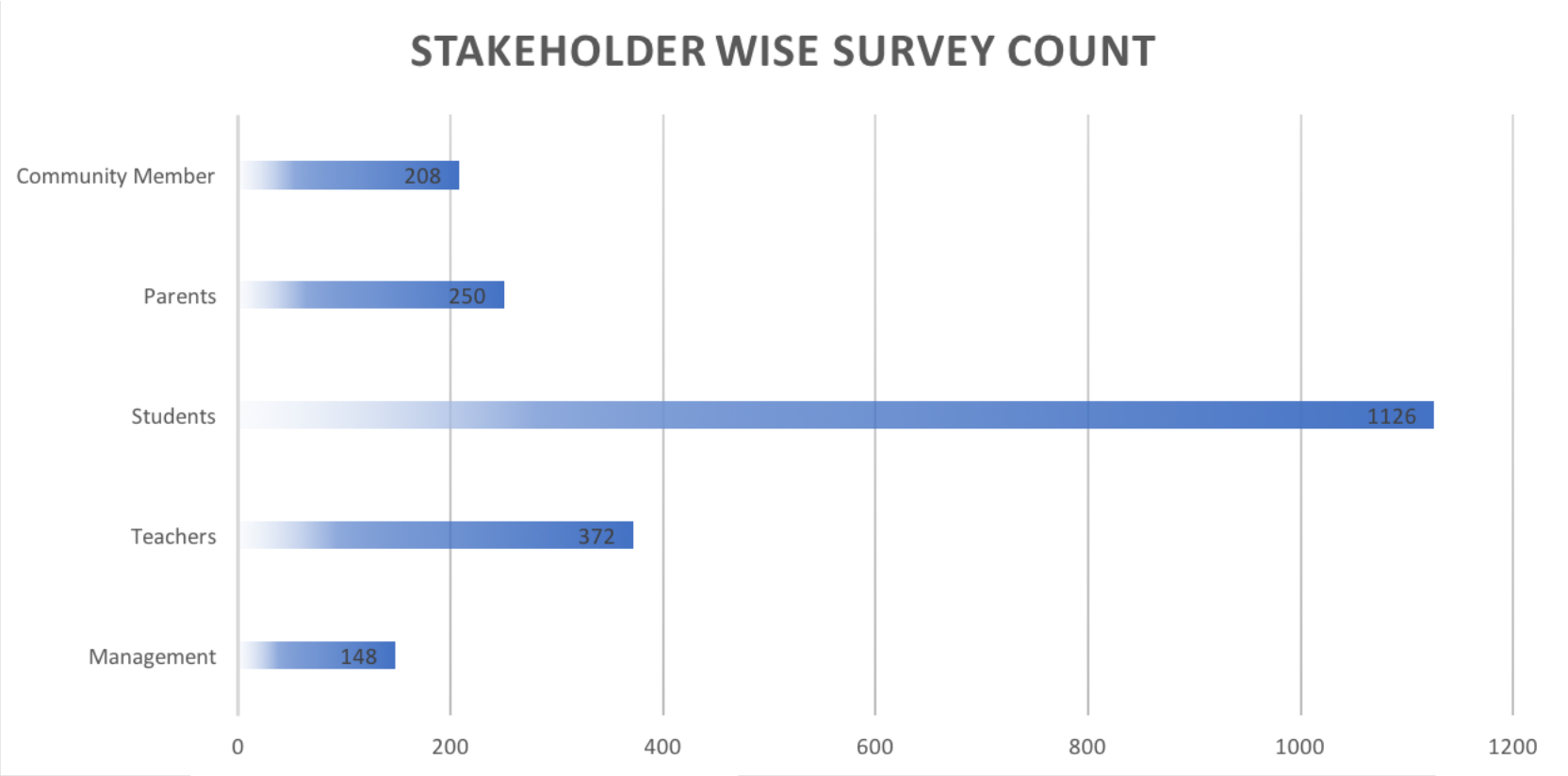


Total Number of schools given for survey	Total number of schools attempted for survey	Total number of school surveyed	Total number of schools refused for survey.	Total number of schools unable to survey.
160	151	148	3	9



Schools refused for survey	Reason
Central School for Tibetans, Mysore	They are not using e-Shala systems, hence were not interested in talking about it.
Shree.B.A.Belagali, Lower Primary School, Bagalkot	They are not using e-Shala systems
Kasturba Gandhi Balika vidyalaya vidapanakal, Ballari	The school falls in AP. At the time of FI visit school teachers were busy with election duty hence were not able to interview.
Chikamangaluru & Daksin Kannada	3+9 schools – Unable to find field investigator for the survey.

Management	Teachers	Students	Parents	Community
148	375	1130	250	208



North	
Stakeholder	Count
Management	39
Teachers	87
Students	308
Parents	57
Community	47

South	
Stakeholder	Count
Management	39
Teachers	100
Students	294
Parents	70
Community	66

West	
Stakeholder	Count
Management	31
Teachers	80
Students	216
Parents	48
Community	44

East	
Stakeholder	Count
Management	39
Teachers	108
Students	312
Parents	75
Community	51

PART A

PART A -DETAILS OF THE SCHOOL

School code: (Selco code) District code: (Code book)

Region code: N/S/W/E

- Name of the school :
- Year of establishment :
- Description of levels of education offered:
- Distance from block headquarters :
- Medium of instruction
English/Kannada/Urdu/Tamil/other

Strength of school

Total number of students	
Boys	
Girls	
Teachers	

Administrative structure

- DDPI/BEO is situated at _____
- Management committee _____ (Number of members)
- Principal/Head master _____ (permanent/temporary/incharge)

Infrastructure created for the SMART BOARD (SB)

- Number of class rooms having SBs sponsored by selco _____
- Infrastructure present in the SB classroom _____
- Seating capacity _____ (in total for the school)

SDMC details

- Number of members _____
- Role in the eshala project _____

Establishment of the eshala project

- ✓ Year of establishment of eshala _____ - _____
- ✓ How was your school chosen for this project
 - School approached the funder
 - Identified by Selco
 - Recommended by the 4th partner

Classes for which software was provided (a)5,6,7 or (b)8,9,10 or(c) 6.7.8

Details of the 4th partner _____

Contribution of the 4th partner

- Monetary
- Non-monetary

Description of the progress since inception.

Summary

55% of the schools reached out through the project are between 10-30kms from the block headquarters. Only 6% 40kms and above.

97% said they will not withdraw from the project after 5 years. While, 87% would like to renew the license after 5 years.

54% of the school reported that there are similar projects running in the schools. 78% said the content used in other project is different to e-Shala content.

97% of the schools reported that it adds to the prestige of the school.

83.7% of the schools reported that the enrollment in schools have increased due to this project.

99% of the schools reported that solar panels work properly through the year however 66% mentioned that have faced some issue related to solar panel.

92.3% of the school said their sub staff can maintenance the solar panel, however 50% reported that maintenance work will suffer once promoters/ funder withdraw from the project.

89% of the schools reported that the content compliments the textbooks and 90% reported improvement in student's results. However 93.8% still feels that there is scope to improve the content.

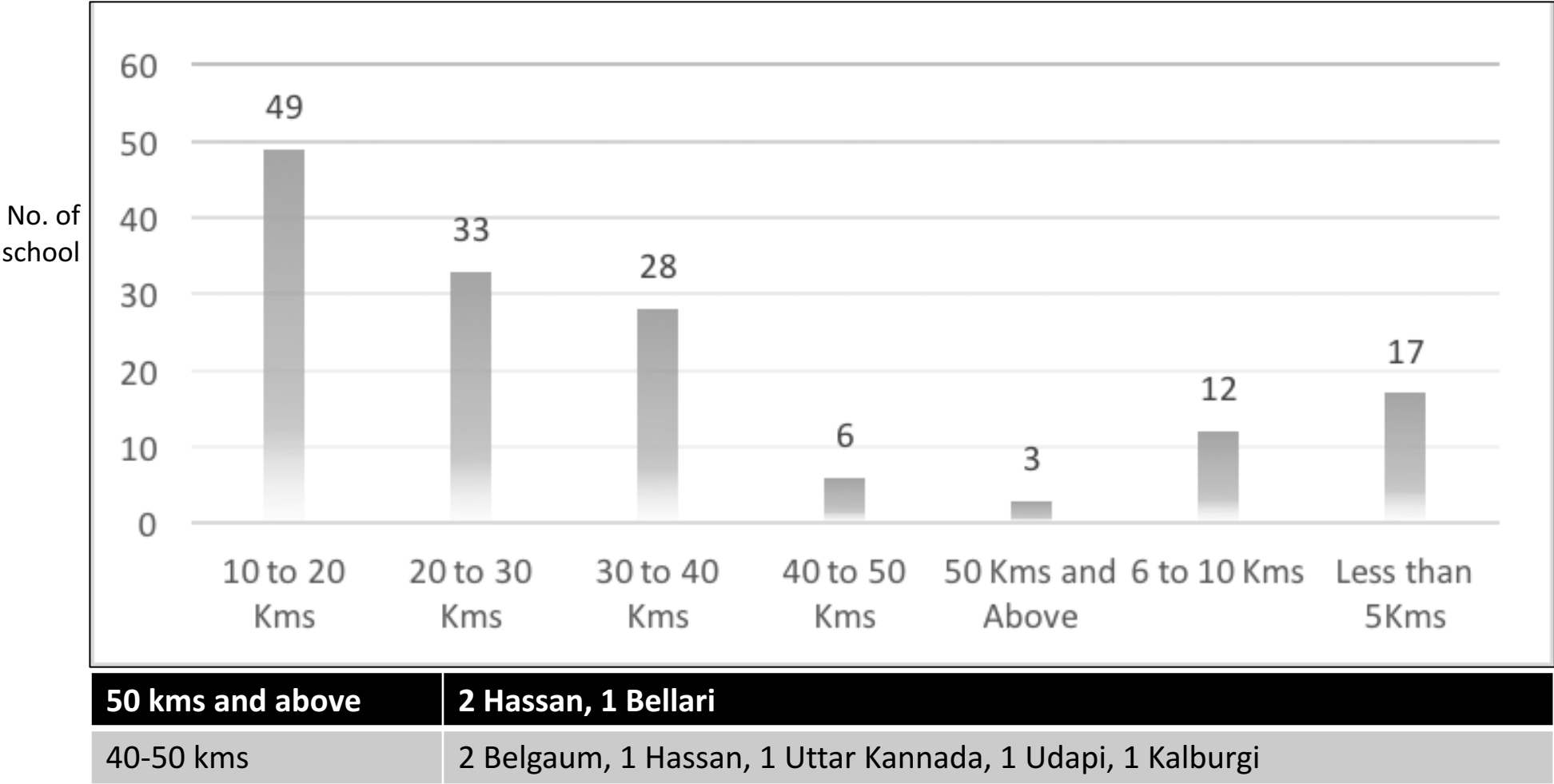
Only 19% of the school reported that govt can develop better content than this.

55.3% of the schools reported that the project will shut down once the promoters/ funder withdraw from the project, while 24.1% reported the opposite and 20.6% where unsure what will happen.

72% of the schools wants support of the promoters/funders to be extended for few more years.

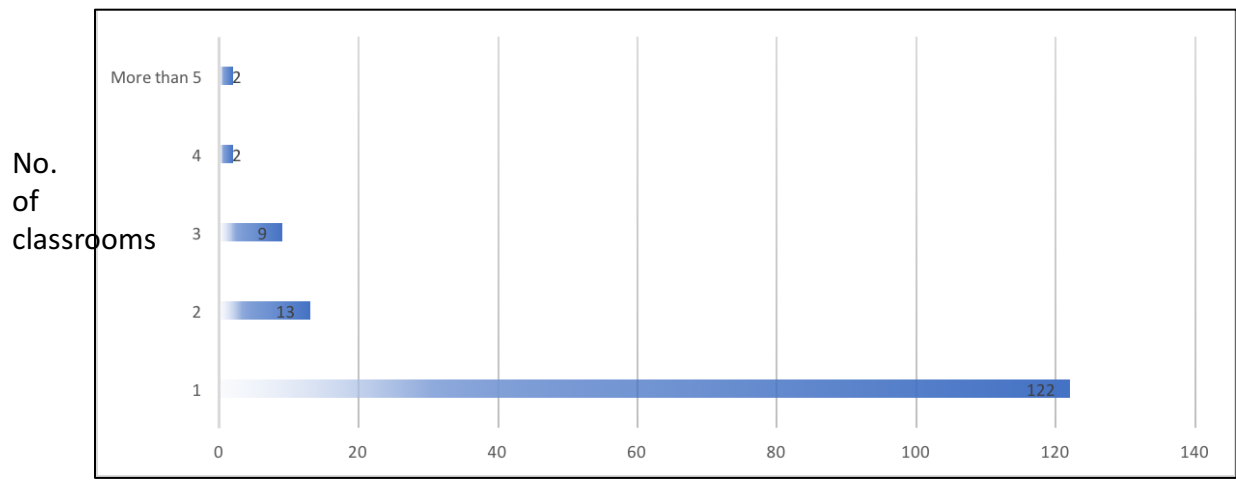
71.8 % have reported that student's drop out ratio has decreased after introducing the project. 96% mentioned that parental interest in student's studies have also gone up.

DISTANCE FROM THE BLOCK HEAD QUARTERS.

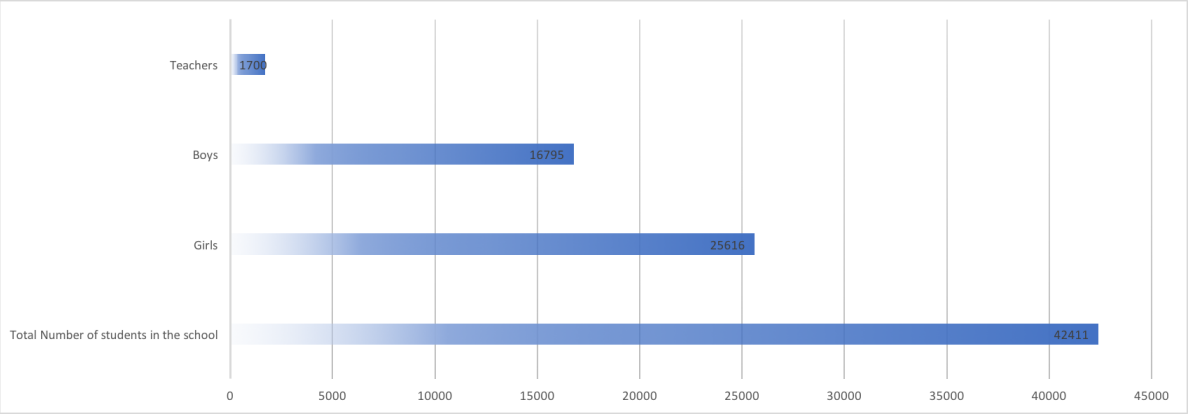


MANAGEMENT

NO. OF CLASSROOMS WITH e-SHALA.

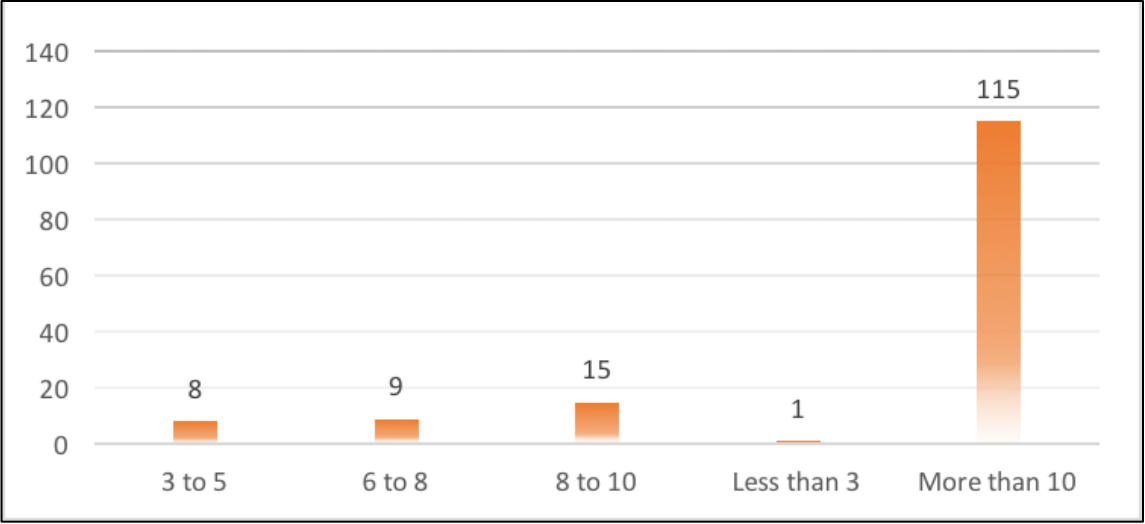


SCHOOL STRENGTH



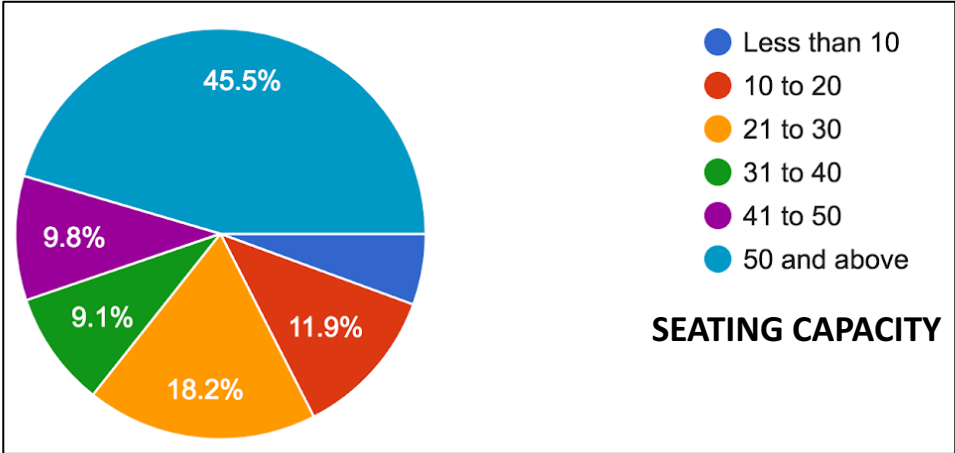
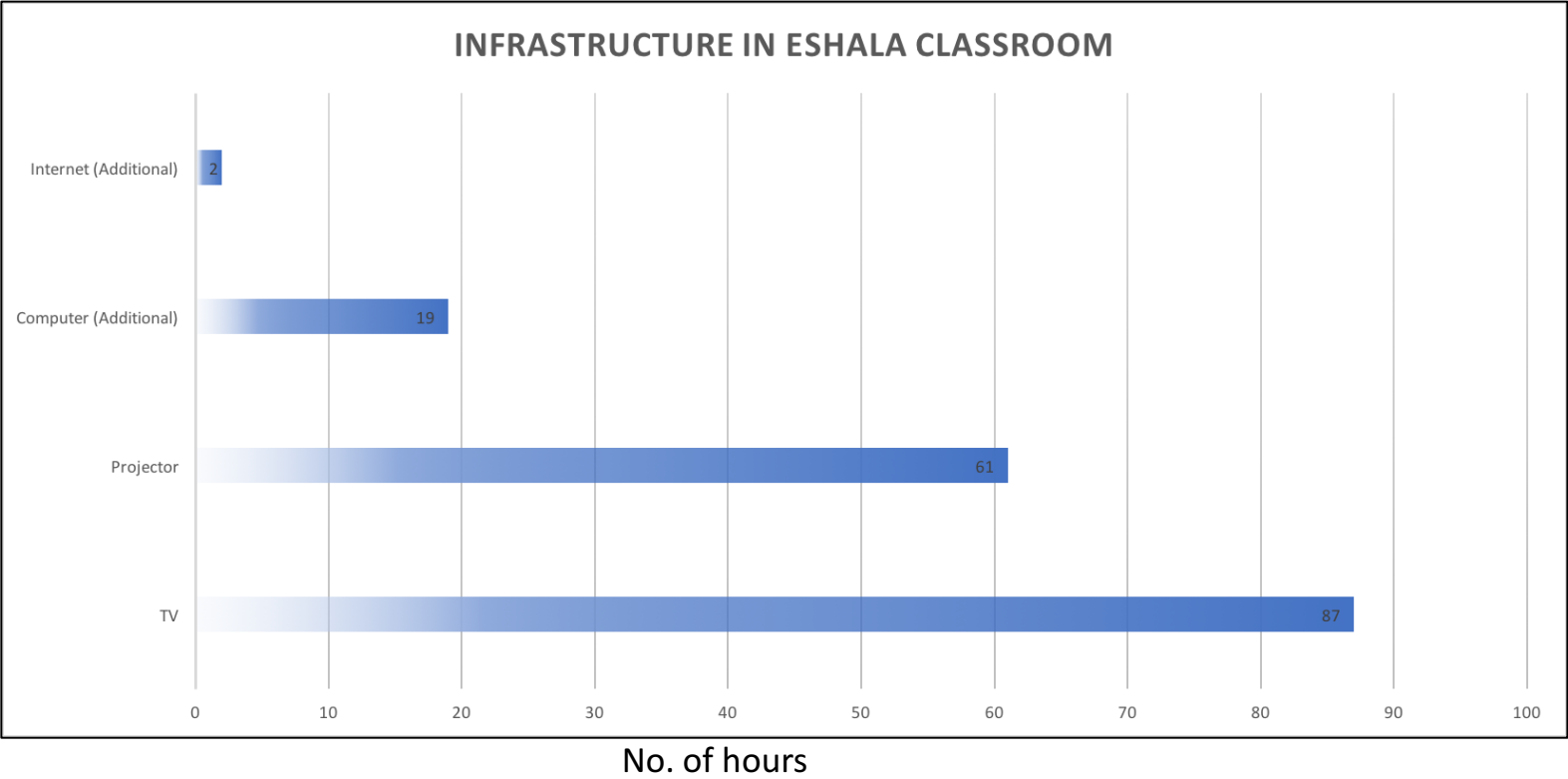
1:24 teacher student ratio.

Number of members in Management committee.

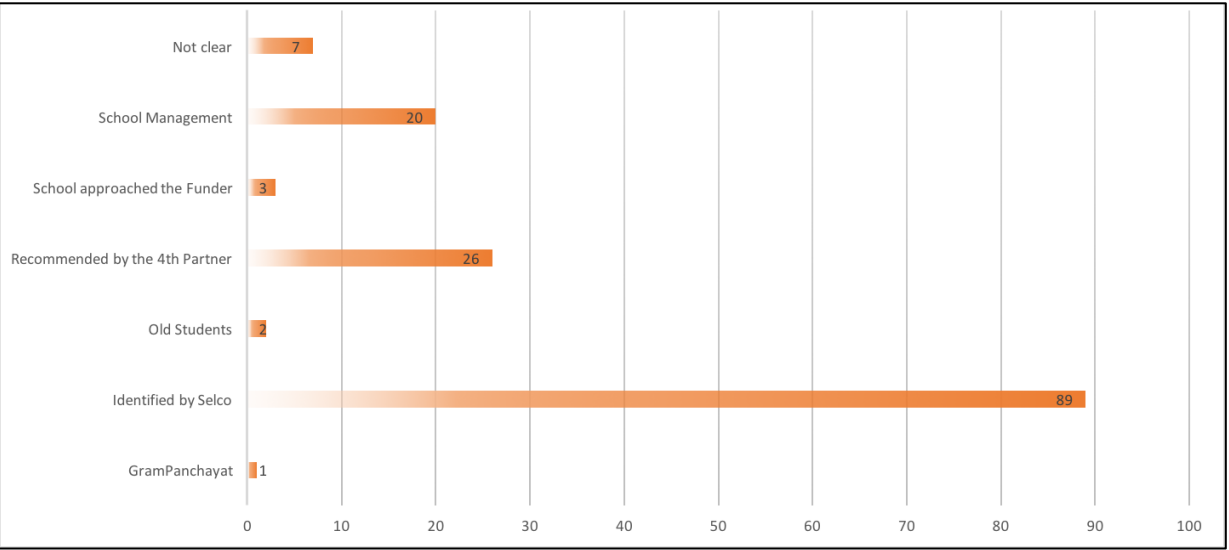


No. of committer members

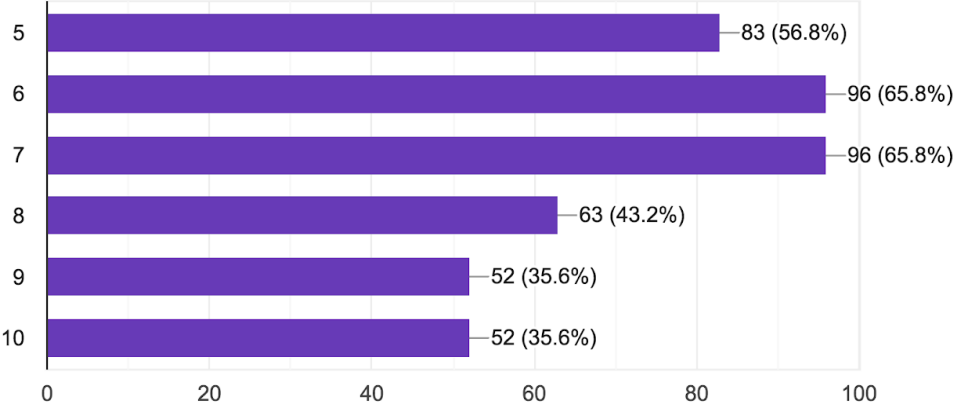
Infrastructure and seating capacity available in the e-Shala classrooms.



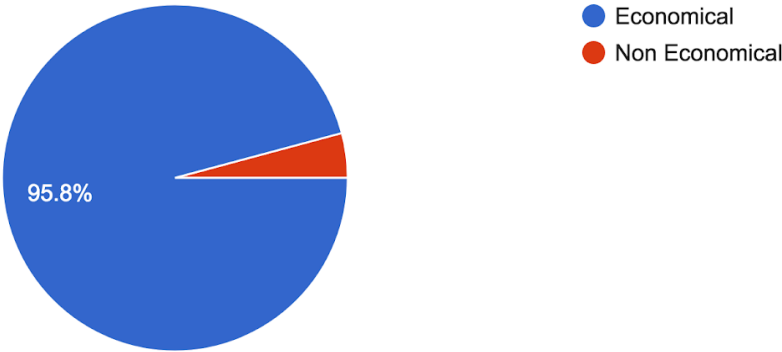
REFERENCE SOURCE FOR e-Shala PROJECT ENROLMENT.



CLASS FOR WHICH e-SHALA CONTENT WAS PROVIDED



CONTRIBUTION OF 4th PARTNER



PART B2

SCHOOL MANAGEMENT

School management-School principle or vice principle or any authorised person by the school management will be the respondent.

- Official _____
- Designation _____
- Years of experience _____

Project details

No. of children who are part of the eshala in your school

Class	students
Total	

Performance of students (Math)

Class	3 years ago	2 years ago	Last year

Performance of students (Science)

Class	3 years ago	2 years ago	Last year

Performance of students (English grammar)

Class	3 years ago	2 years ago	Last year

- Till when do you have the licence from LTC _____
- The AMC is being paid by _____

3

- Details of the maintenance done by the selco team

After the 5th year will the school management

- Renew license _____ Y/N
- Pay AMC through the school management _____ Y/N
- Identify other sources to pay AMC _____ Y/N
- Withdraw from project _____ Y/N

Are there other projects related to education running in your school _____

Is there duplication of eshala content in the other programme _____

Main purpose of the other project _____

How is the school advertising eshala

- Local TV
- Newspaper
- Advertisement boards
- Posters
- Others

Did the management sign all the documents to enter into the contract _____ Y/N

Did you enter into the tendering process to enter this into project _____ Y/N

How many enquiries about eshala has come from other schools? _____

Have all of them approached for taking up this project _____ Y/N

Project advantages (perceptual questions)

Eshala project brings several advantages to the school :agree/ cannot be sure/ disagree

Project increases the prestige of the school: agree/ cannot be sure/ disagree

Is there greater school enrolment because of this project :agree/ cannot be sure/ disagree

4

Maintenance issues,

We have not faced any maintenance issues related to the SBs: agree/ cannot be sure/ disagree

Our sub-staff can easily maintain the system: agree/ cannot be sure/ disagree

The solar panels function perfectly throughout the year: agree/ cannot be sure/ disagree

E content

The subject content developed is good: agree/ cannot be sure/ disagree

The e-shala content compliments the contents in the text book: agree/ cannot be sure/ disagree

There is scope to improve the content material: agree/ cannot be sure/ disagree

There content is strong for only for subject

English: agree/ cannot be sure/ disagree

Math: agree/ cannot be sure/ disagree

Science: agree/ cannot be sure/ disagree

Our teachers can develop better content than this: agree/ cannot be sure/ disagree

The government can produce better content than this: agree/ cannot be sure/ disagree

Impact on examination result

Due to the smart classes, the results in the exams have improved: agree/ cannot be sure/ disagree (IN CASE ACTUALS ARE NOT AVAILABLE)

The impact is felt in all the subjects: agree/ cannot be sure/ disagree

In some subjects there is no impact: agree/ cannot be sure/ disagree

5

Issues of sustainability

We feel we can run the smart classes even after the withdrawal of the three promoters/ funders : agree/ cannot be sure/ disagree

We prefer their partial support for some more years: agree/ cannot be sure/ disagree

We do not think we can train the teachers properly after withdrawal of promoters promoters/ funders : agree/ cannot be sure/ disagree

Maintenance work may suffer after withdrawal of promoters: agree/ cannot be sure/ disagree

The project will shut down after the withdrawal of the promoters/ funders: agree/ cannot be sure/ disagree

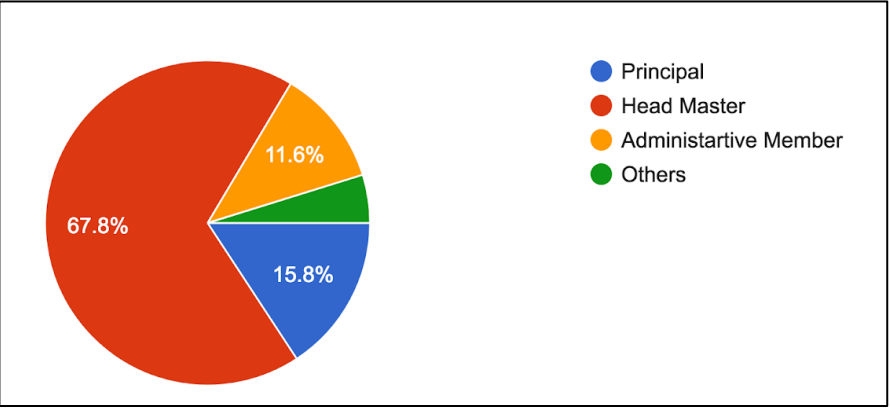
Retain students

The student dropout rate has come down in the school after this project: agree/ cannot be sure/ disagree

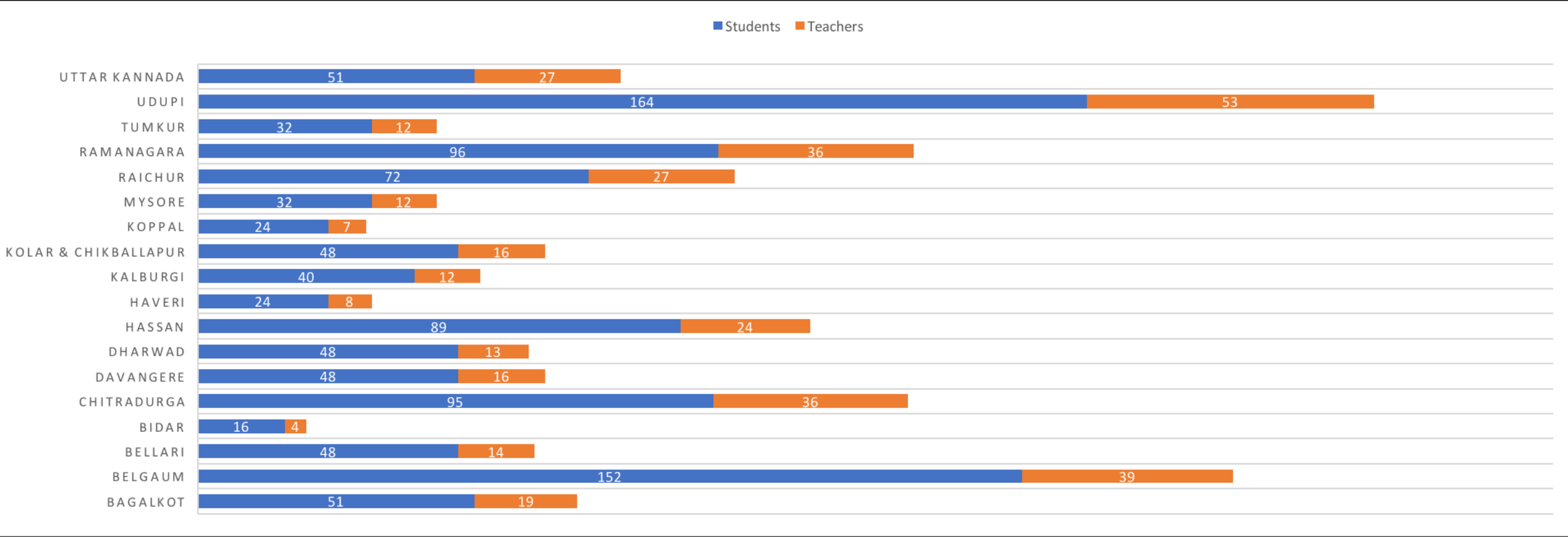
Parental interest in sending students to school has increased: agree/ cannot be sure/ disagree

6

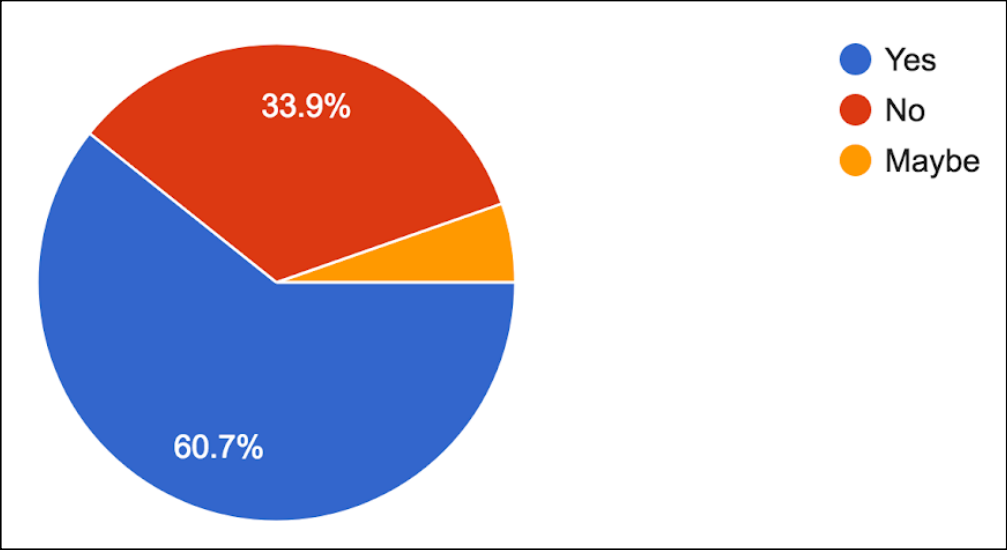
PART B- SCHOOL MANAGEMENT



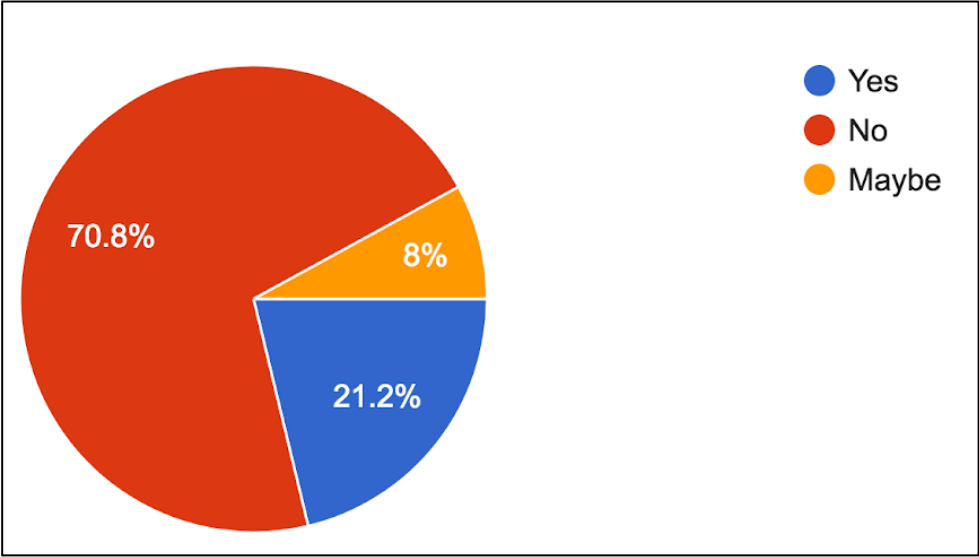
DISTRICT WISE STUDENT TEACHER DISTRIBUTION IN e-SHALA CLASSROOMS



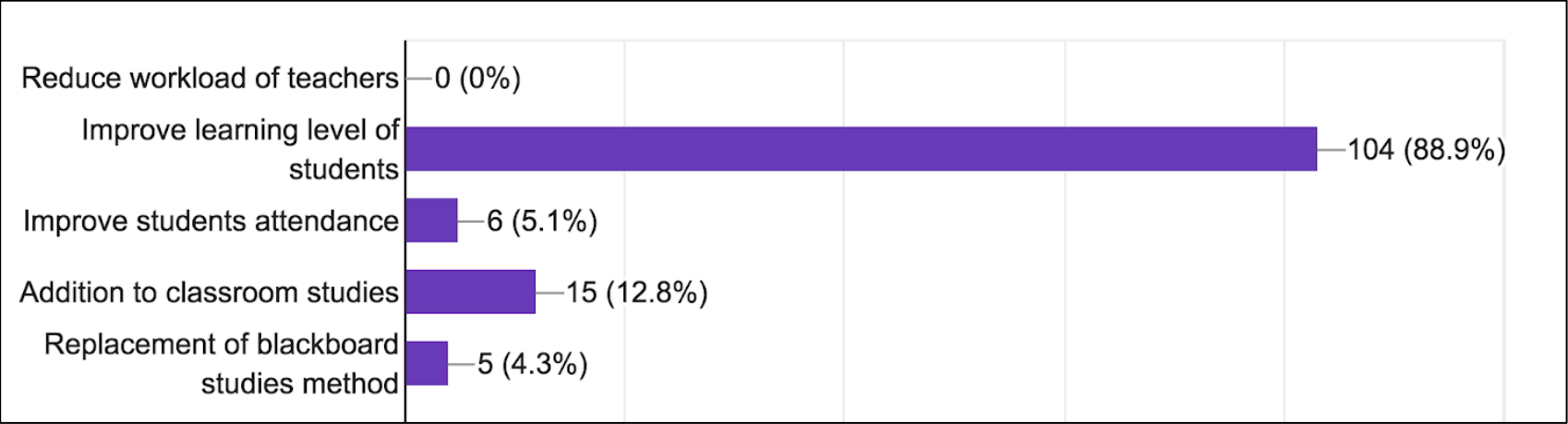
OTHER PROJECT RELATED TO EDUCATION RUNNING IN YOUR SCHOOL.



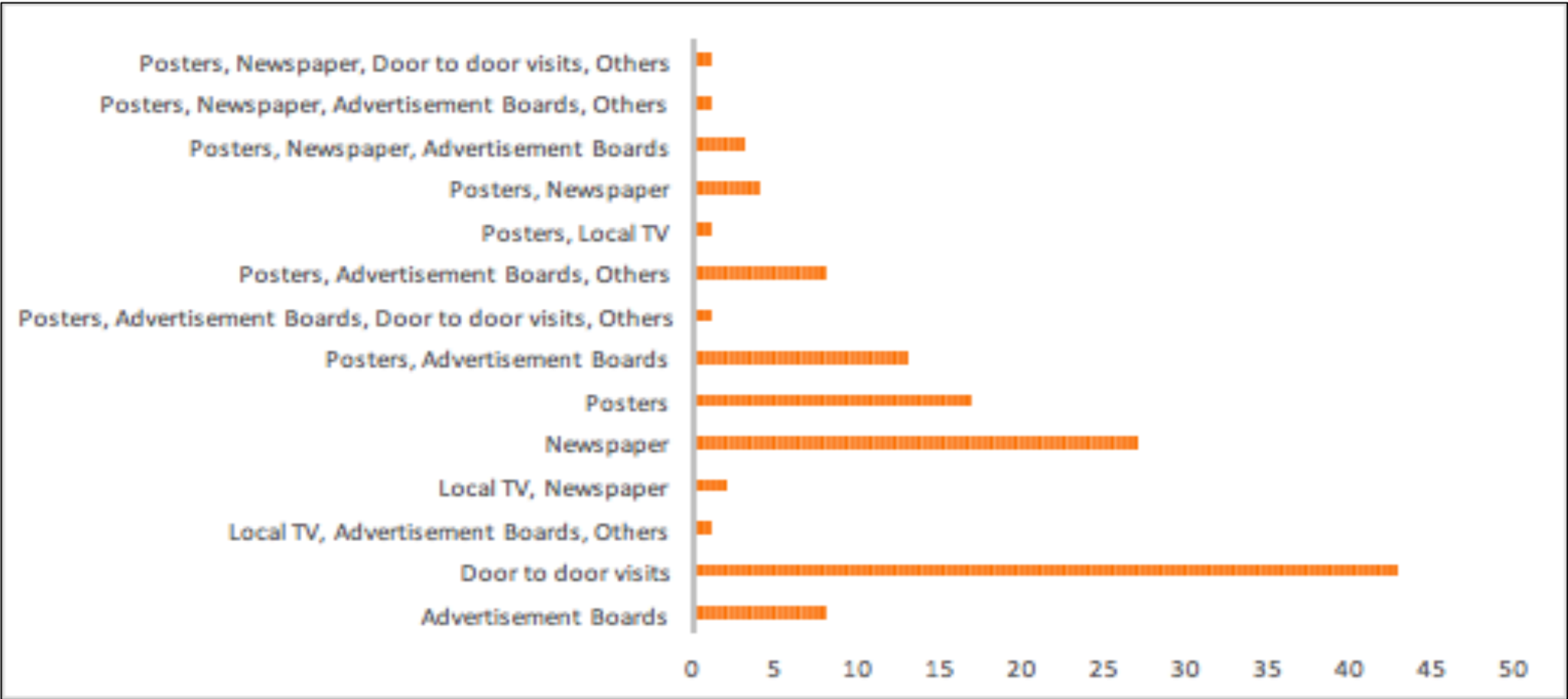
SIMILRITY IN THE E-SHALA AND OTHER CONTENT.



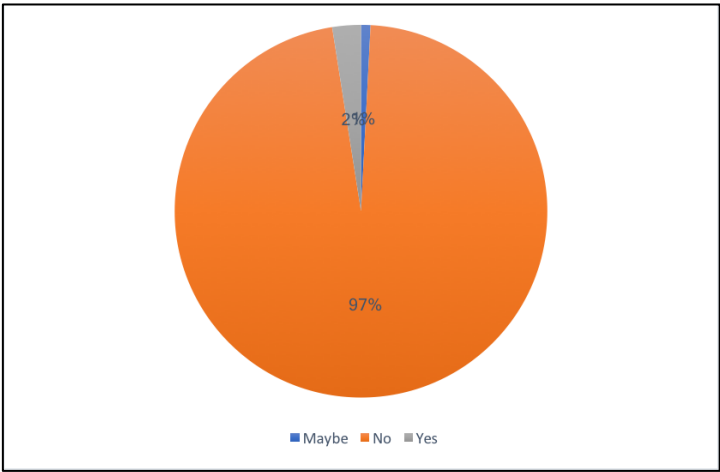
MAIN PURPOSE FOR USING E-CONTENT.



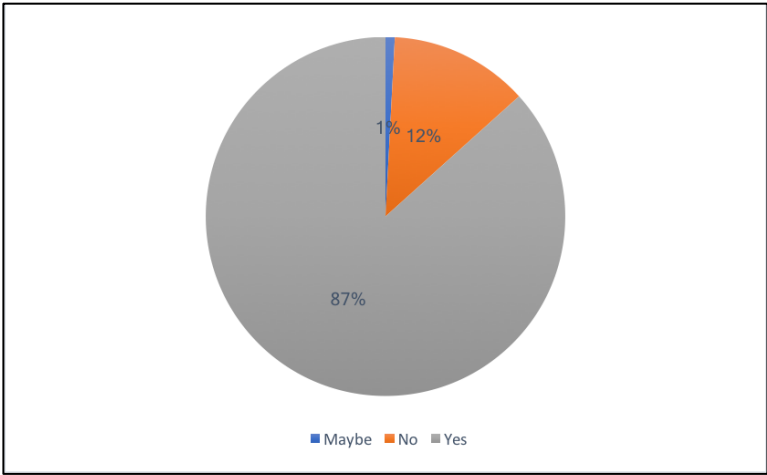
ADVERTISING e-SHALA



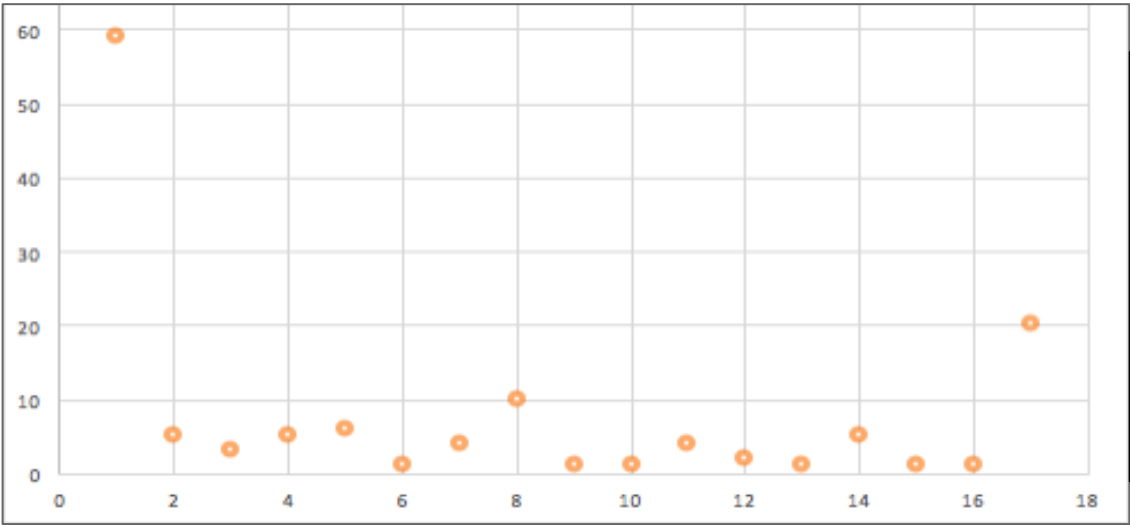
Withdrawal from the project after 5 years.



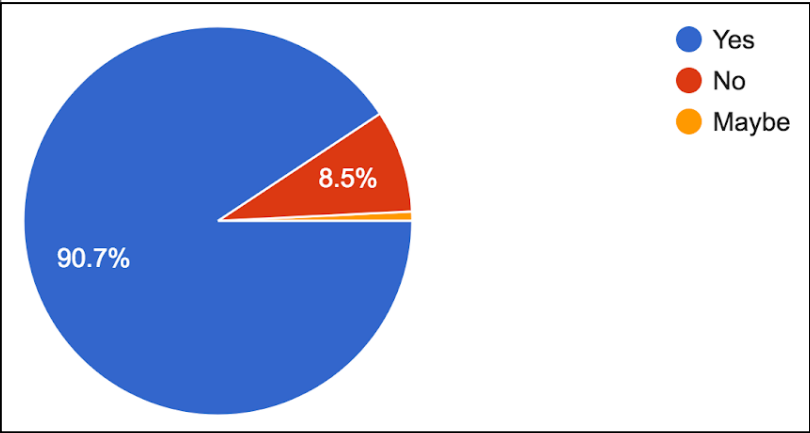
Renewal of the license after 5 years.



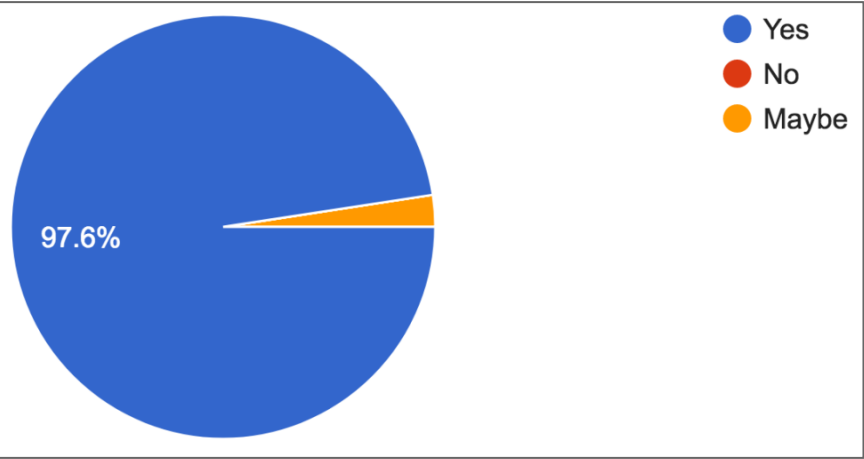
Inquiries about e-Shala has come from other schools.



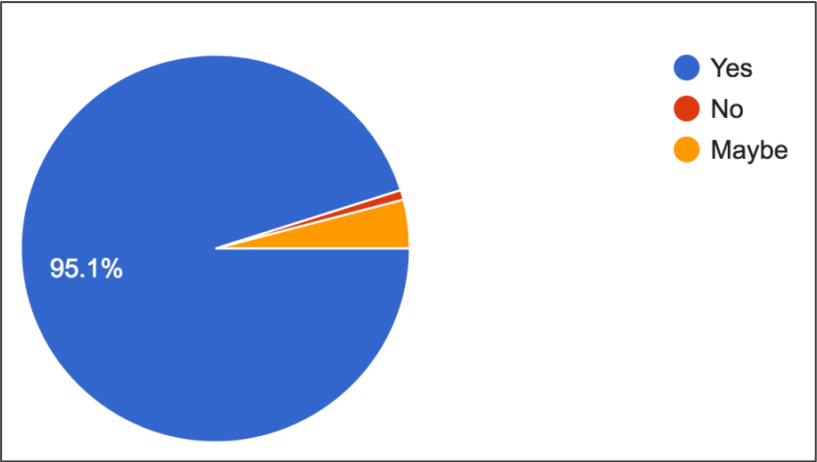
Have all of them approached for taking up project.



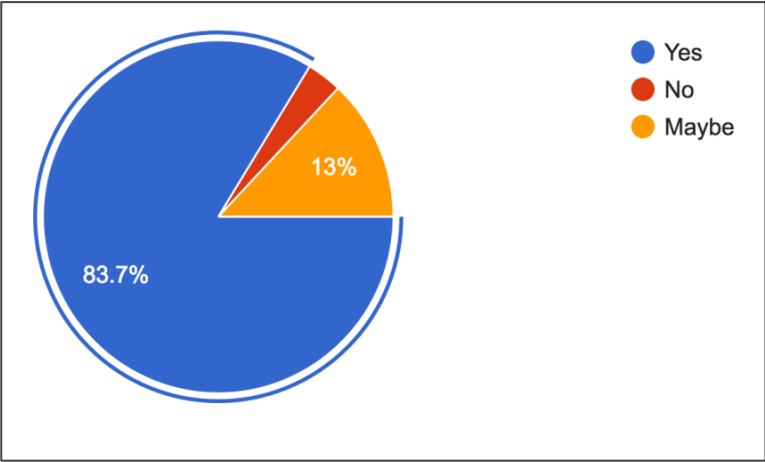
e-Shala project brings several advantages to the school.



Project increases the prestige of the school.

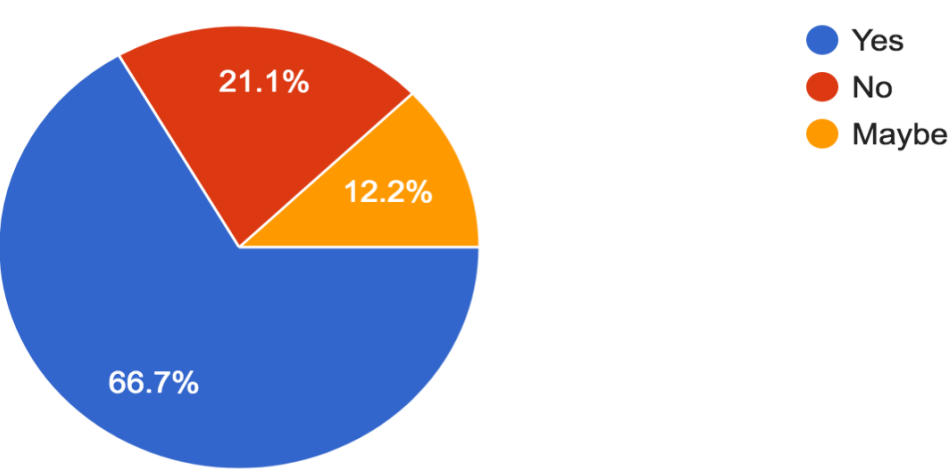


There is a greater enrollment because of this project.

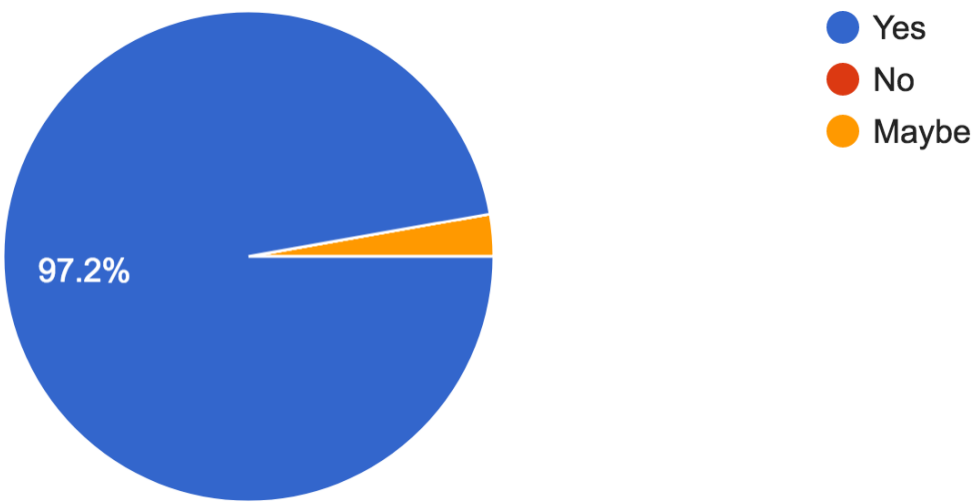


MANAGEMENT

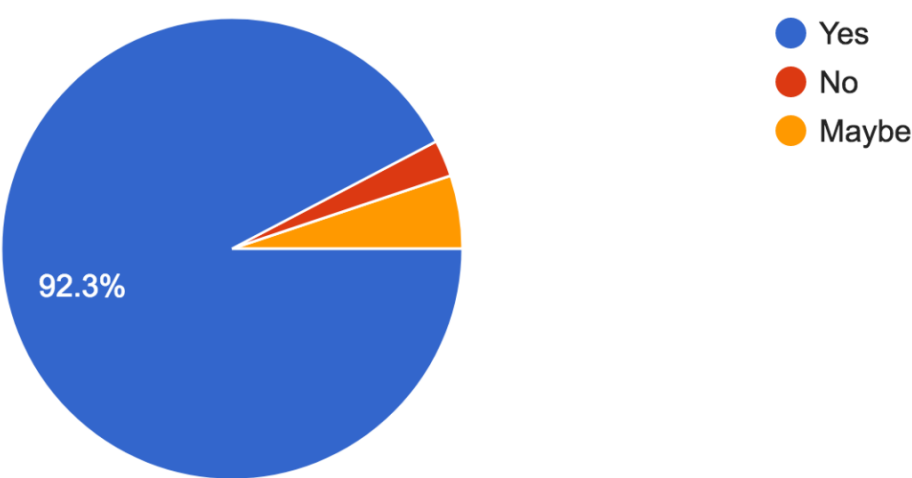
Faced any maintenance issues related to e-Shala.



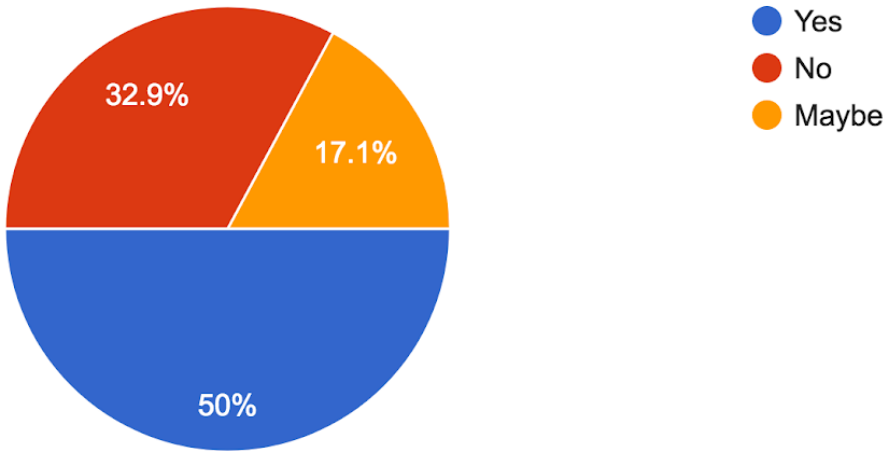
The solar panels function perfectly throughout the year.



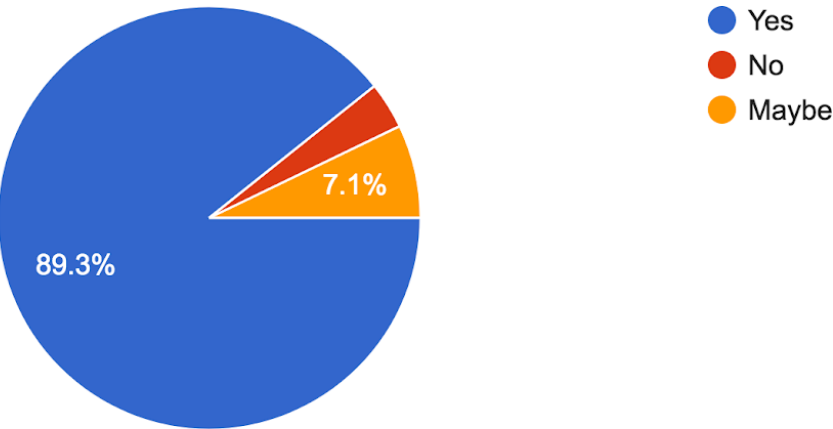
School sub staff can easily maintain the system.



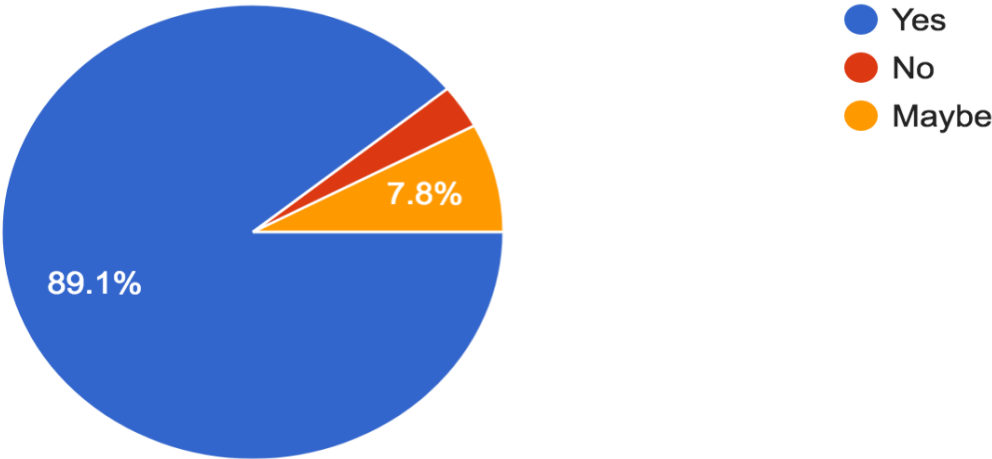
Maintenance work may suffer after withdrawal of the promoters.



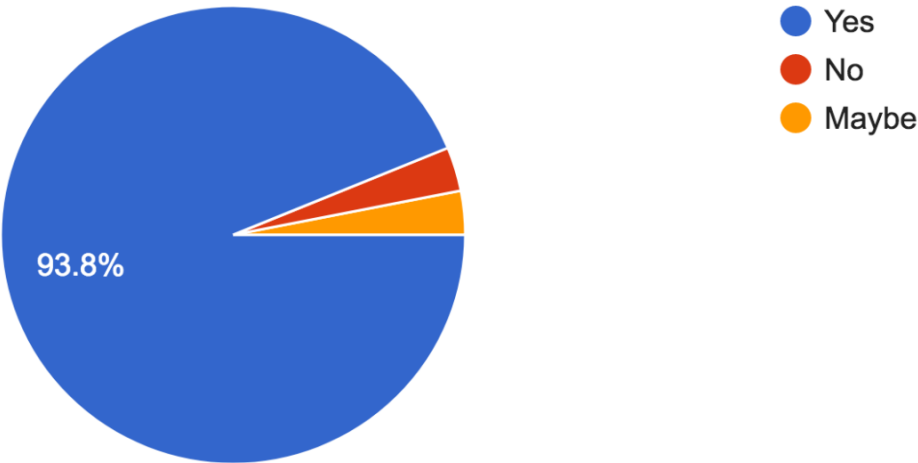
Subject content developed is good.



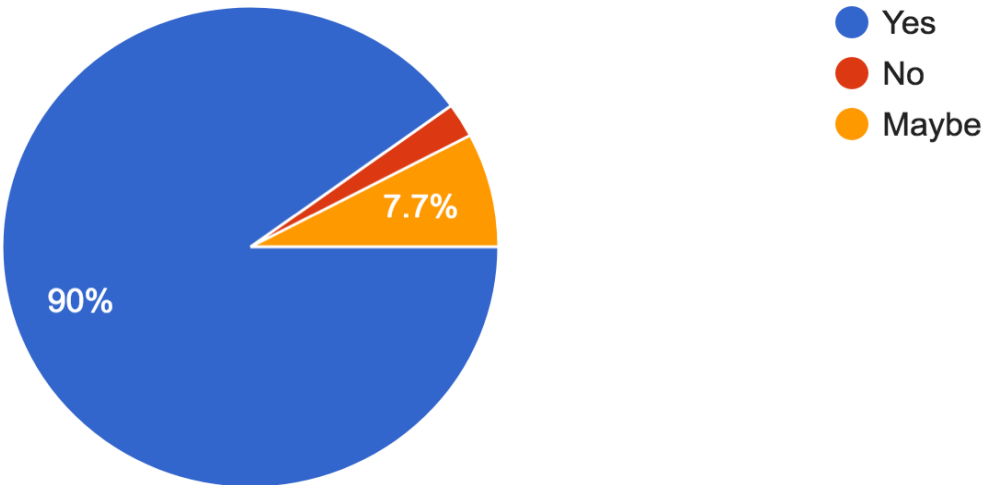
The e-Shala content compliments the text books.



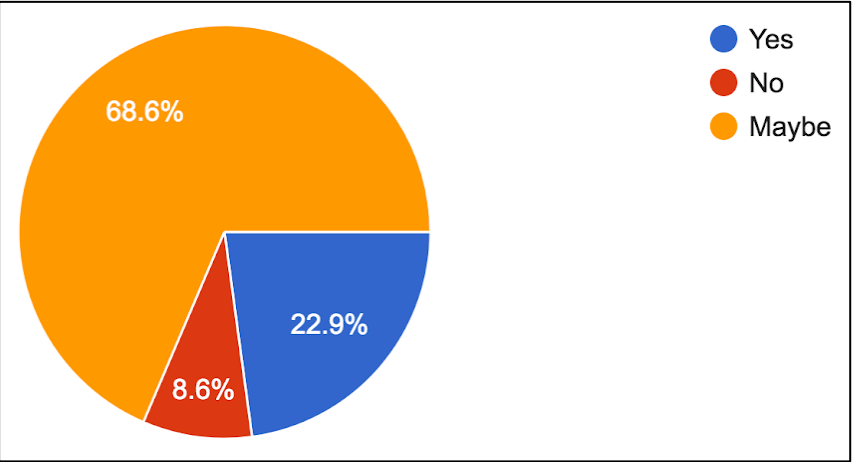
Scope to improve the content material.



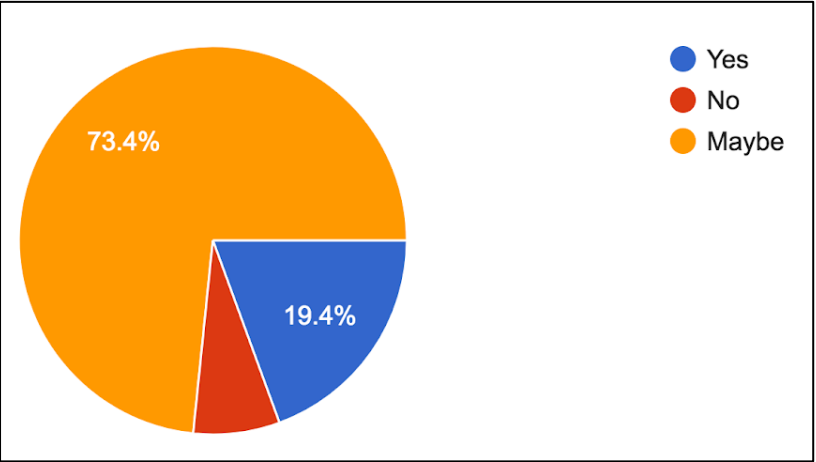
Result in the exams have improved due to e-Shala classes.



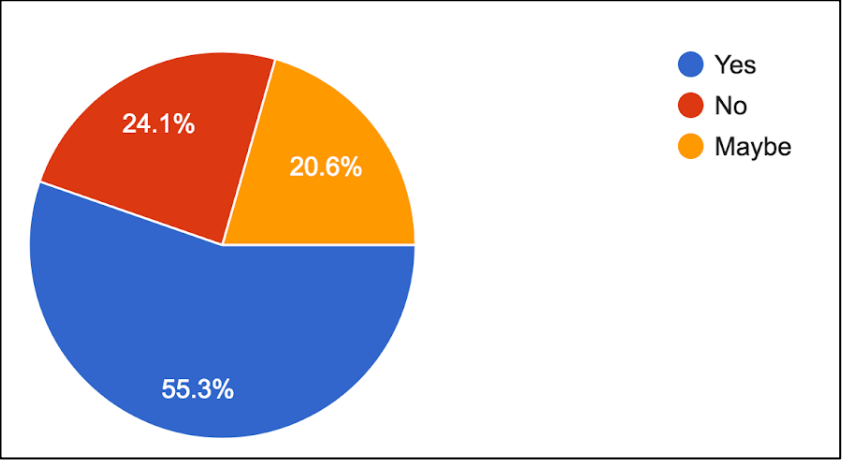
Our teachers can develop better content.



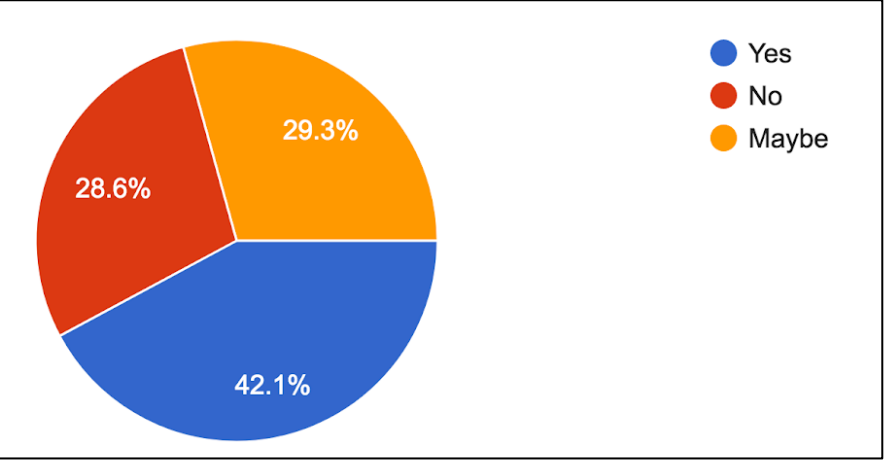
The government can produce better content .



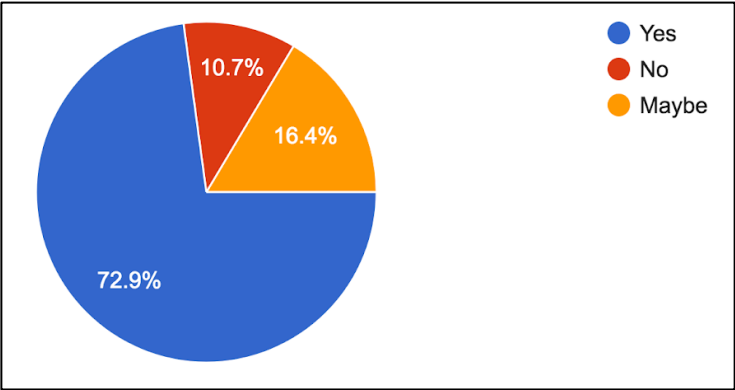
The school can run e-Shala classes even after the withdrawal of the promoters/ funder.



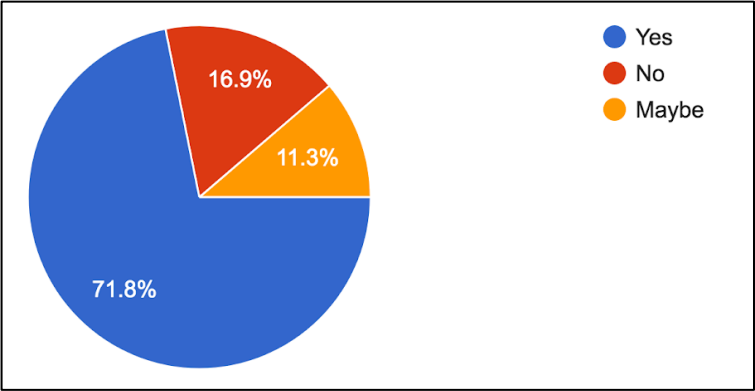
Training of teachers will suffer after the withdrawal of promoters.



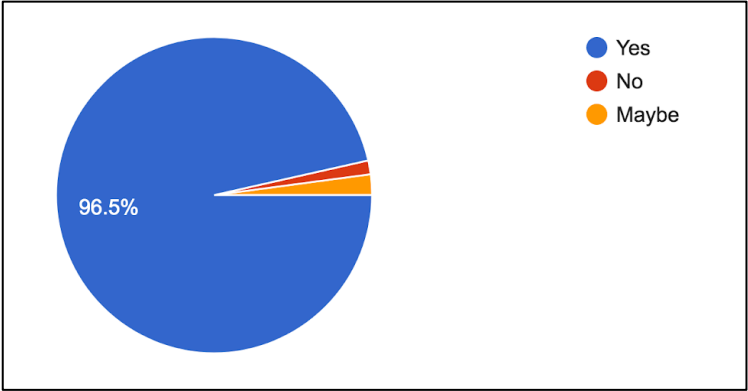
Management prefers partial support for some more years.



The student dropout rate has come down in the school after the project.



Parental interest in sending students to school has increased.



TEACHERS

PART B 3

TEACHERS

- Name
- Gender
- School with coding details
- Years of experience
- Subjects taught
- Classes (mention all levels)
- Years using SBs
- Duration of each period in your school
- Number of hours IN A WEEK using SB:

CLASS	SCIENCE	MATH	ENGLISH

I was trained for using smart board: Yes/No

Trained in usage of the content: Yes/No

Trained in the usage of the black box: Yes/No

Trained in understanding the components of the smart box: Yes/No

I was trained directly by CLT team: Yes/No

The master trainers from other school trained me: Yes/No

I can automatically update the content of the smart box: Yes/No

Selco team is regular in upgrading the material: Yes/No

I feel upgradation is not sufficient: Yes/No

I feel content is too general and not directly related to the text books

prescribed: Yes/No

Usage of material

subject	Guide for usage	videos	Experiments and activities	Assessments with feedback
Science				
Math				
English				

Answer to be entered as Regular (r), Sometimes (s), Very rarely(v)

I used to make use of other resources before eshala was installed

I use SBs for

- Spoken English classes: Yes/No

- Adult literacy: Yes/No
- Remedial classes: Yes/No
- Any other purpose

Planning Perceptual questions

A lot of creativity is possible while using the SBs: agree/ cannot be sure/ disagree

Lesson plan can be easily maintained with the smart board usage: agree/ cannot be sure/ disagree

Work book for e-shala project is available: agree/ cannot be sure/ disagree

Any manuals / guidelines for the use of e-shala boards is available: agree/ cannot be sure/ disagree

Monitoring system is set up properly: agree/ cannot be sure/ disagree

Pedagogy

The smart board compliments the pedagogy you use in the class: agree/ cannot be sure/ disagree

A mix of SBs and black board teaching help in holding the interest of the class: agree/ cannot be sure/ disagree

Only SBs are sufficient to finish the portions: agree/ cannot be sure/ disagree

Would like to develop software to be used with the digital content given by Menda: agree/ cannot be sure/ disagree

The material given is satisfactory: agree/ cannot be sure/ disagree

If not give reasons_____

The government can develop similar material and use it in all government schools: agree/ cannot be sure/ disagree

Other teaching methods can be useful in teaching students in government schools: agree/ cannot be sure/ disagree

You are able to finish portions because of the use of the SBs: agree/ cannot be sure/ disagree

Class timing can be optimally used because of the SBs: agree/ cannot be sure/ disagree

Student assessment

The system helps in the process of student evaluation

- Homework : agree/ cannot be sure/ disagree

- Tests: agree/ cannot be sure/ disagree

- Final examination: agree/ cannot be sure/ disagree

There is a distinct change in the attitude of students after the use of the SBs: agree/ cannot be sure/ disagree

List the problems while using SBs(open question)

Enabling environment

In our school experimentation of this kind is possible: agree/ cannot be sure/ disagree

Infrastructural changes can be easily implemented: agree/ cannot be sure/ disagree

School management is very positive about these innovations: agree/ cannot be sure/ disagree

The parents are very supportive of these changes: agree/ cannot be sure/ disagree

Class engagement

Eshala does not require extra time from the teacher: agree/ cannot be sure/ disagree

Teachers have to be more involved in class management: agree/ cannot be sure/ disagree

All these experiments are making our life very stressful: agree/ cannot be sure/ disagree

These programmes are a waste of our time: agree/ cannot be sure/ disagree

Summary

44% of the teachers reported that they were trained by CLT directly, 38% were trained by any master trainer from other school and 18% reported not trained for e-Shala content.

53% said they understood all components of smart box, 67% were comfortable with e-content usage & 54% were comfortable in using android device.

76% of the teachers reported that Selco team regularly upgrades the content however 38% reported that the upgrade is not sufficient.

66% of the teachers were using some kind of e-source before e-Shala was installed.

70% of the teachers are also using Smart board for remedial classes and 20% for spoken english.

95% teachers reported that e-content compliments the text book. 78% of the teachers reported that maintaining lesson plan is easier through this.

97% of the teachers use mix of smart board and chalk and board method to teach the class.

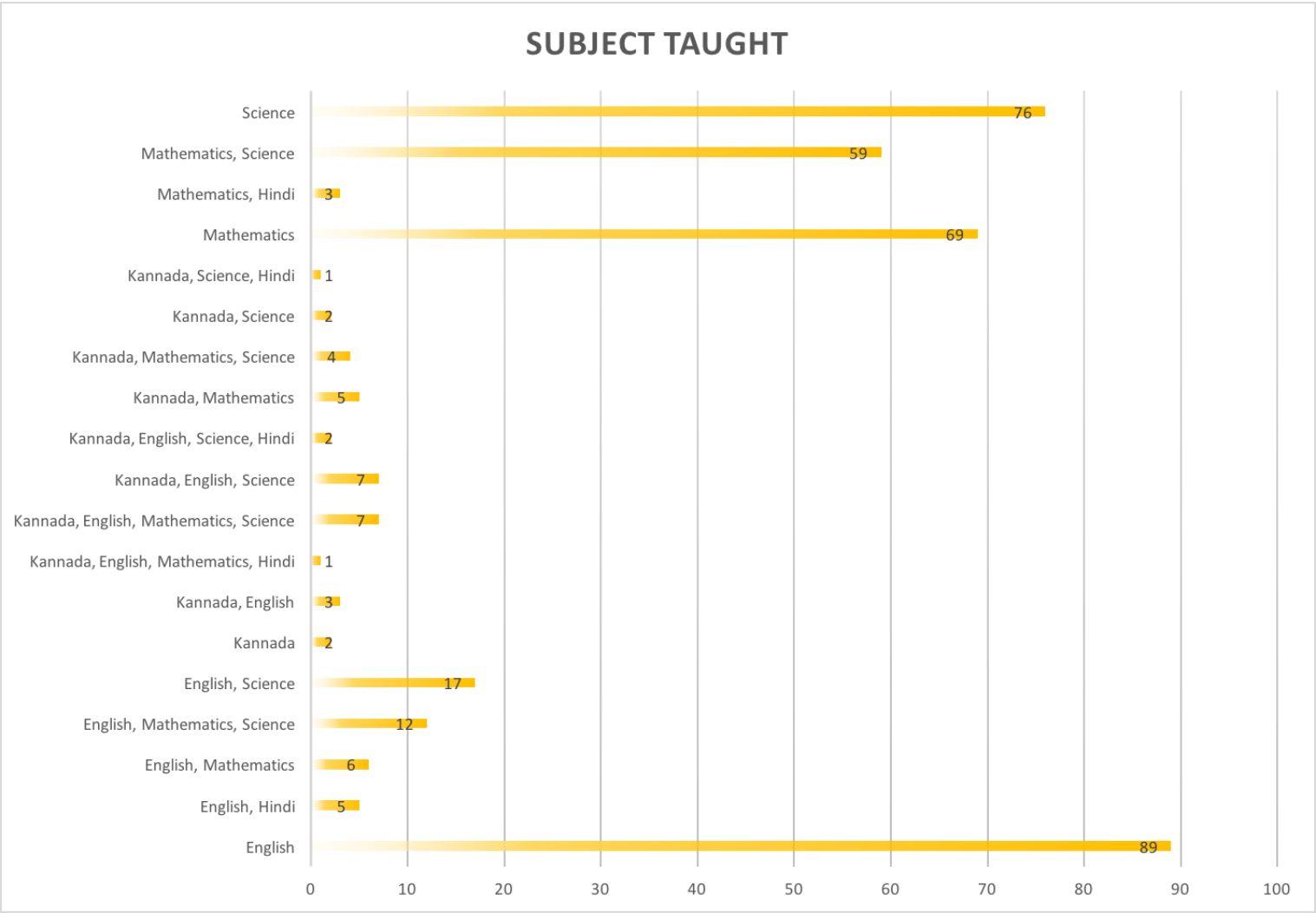
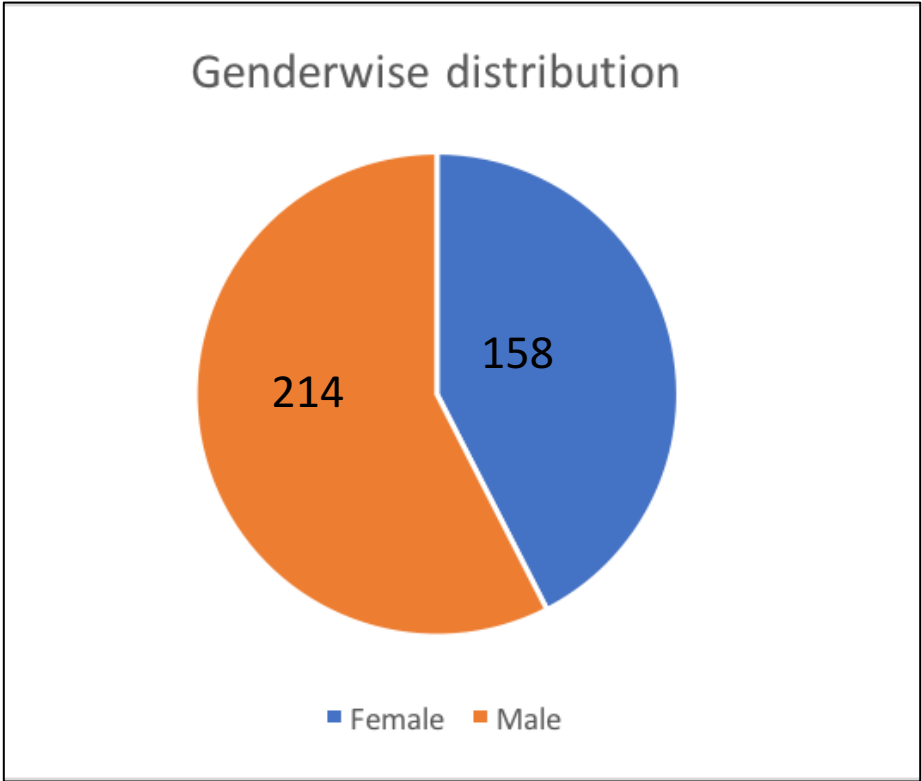
91% showed interest in govt developing such content for the subjects.

70% reported that e-Shala content helps in finishing the syllabus faster.

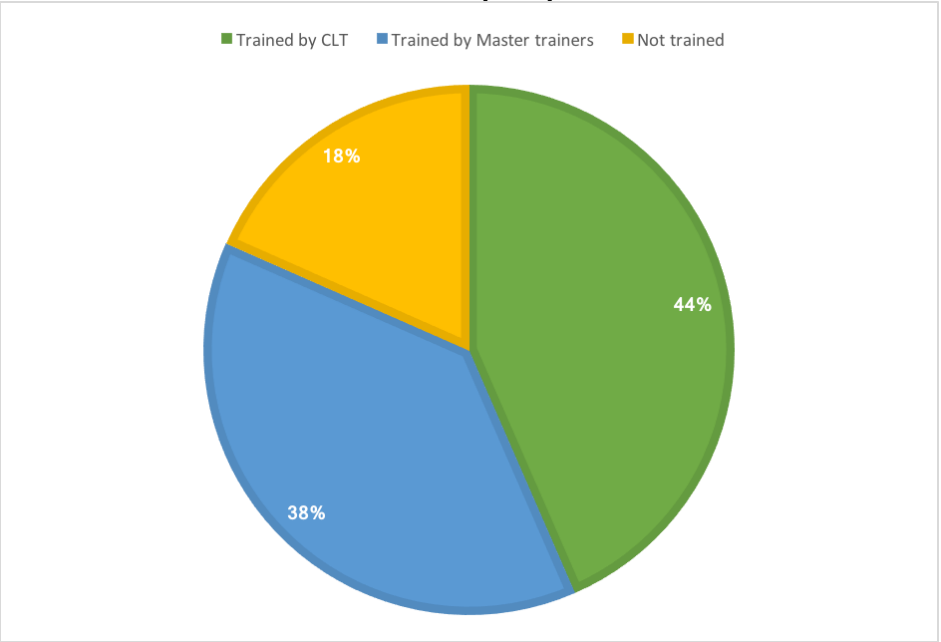
94% reported that they have seen significant change in students attitude.

98% of the teachers reported that they used e-Shala system to evaluate students.

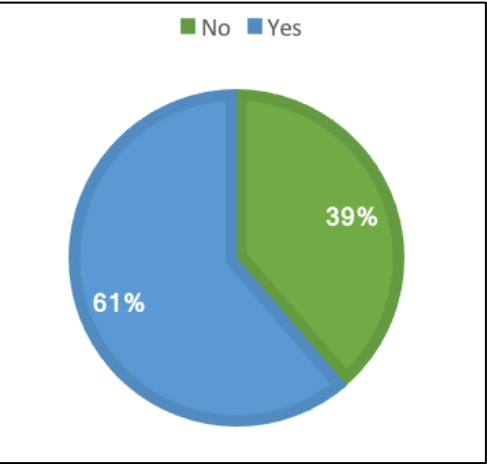
TEACHER'S PROFILE



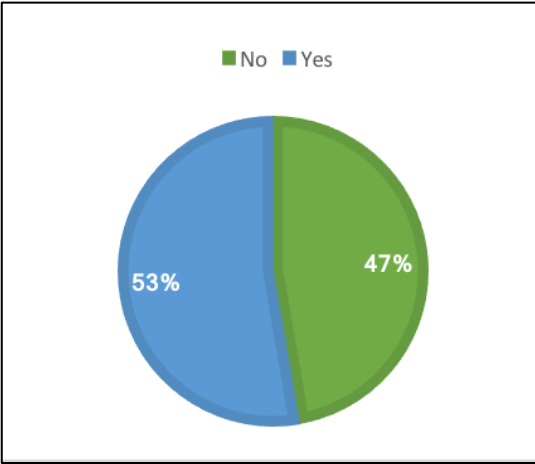
Teachers training on e-Shala



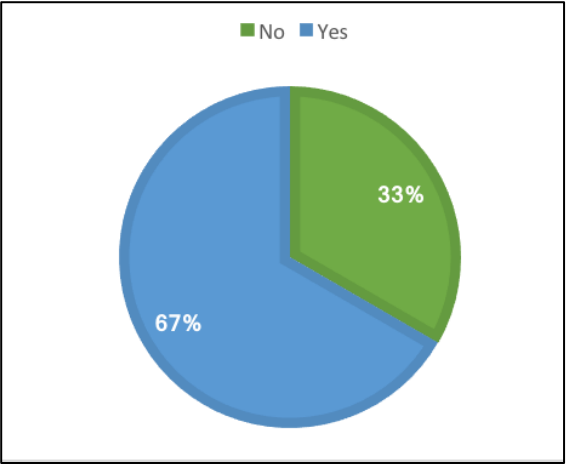
Teachers can automatically update the content of the smart box



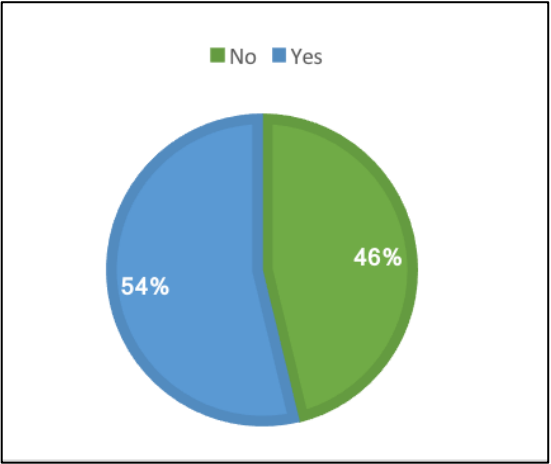
Teachers understood all the smart box components



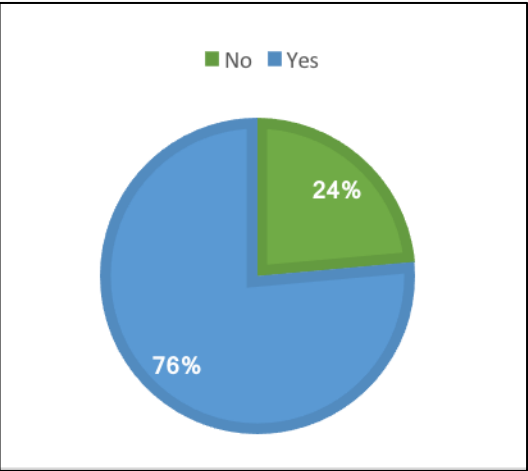
Teachers comfortable with the usage of the e-content



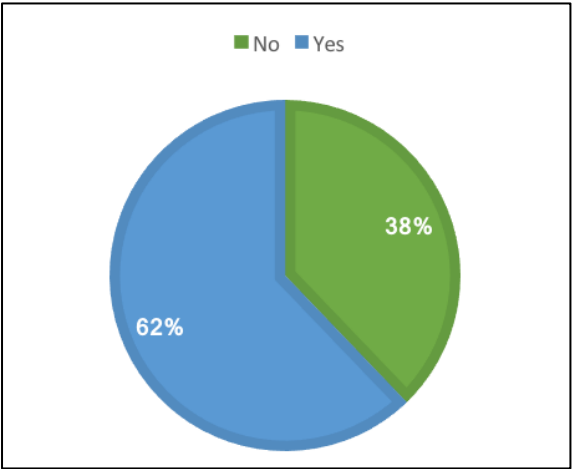
Teachers comfortable with the usage of the android device/ content device



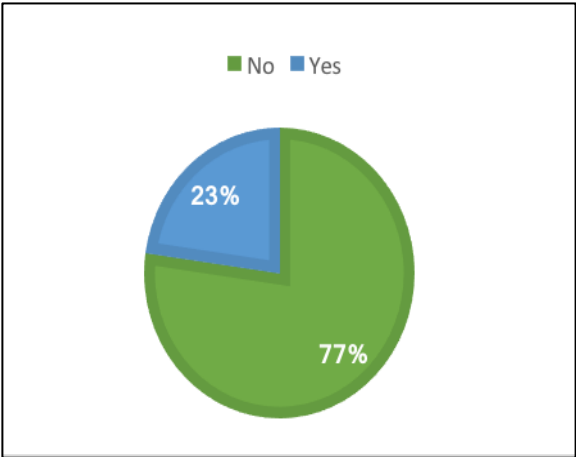
Selco team regularly upgrades the material.



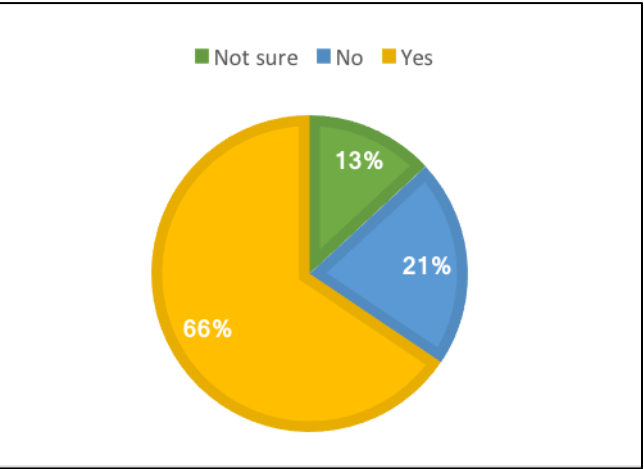
Upgrade of the content is not sufficient.



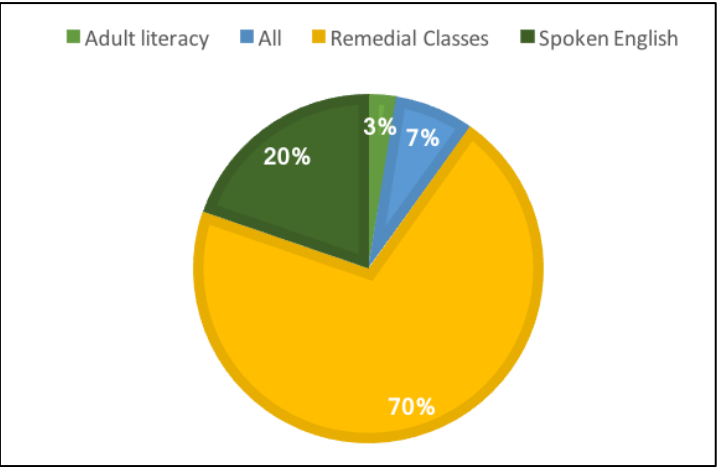
Content is too general and not directly related to the text books.



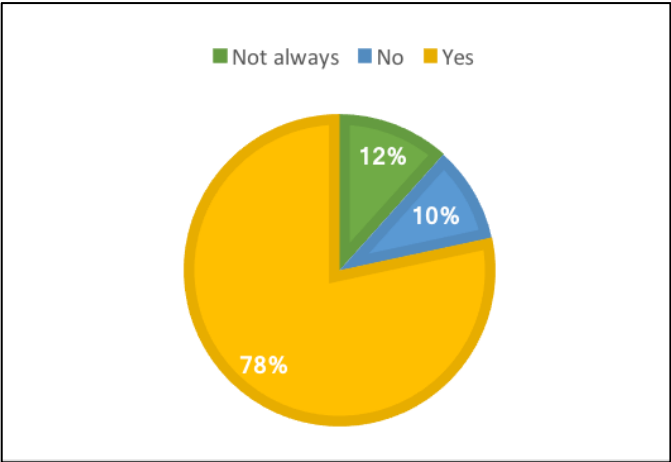
Teachers used other e-source before e-Shala was installed.



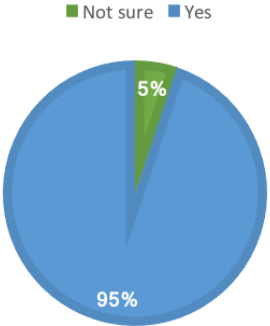
Other uses of the Smart Board.



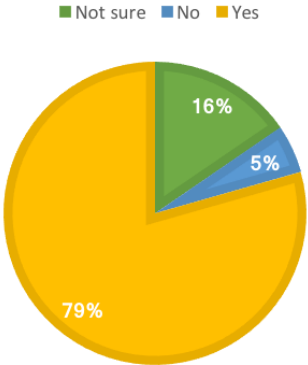
Lesson plan is easily maintained with e-Shala system.



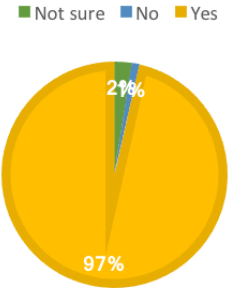
THE E-SHALA SYSTEM COMPLIMENTS THE PEDAGOGY YOU USE IN THE CLASS



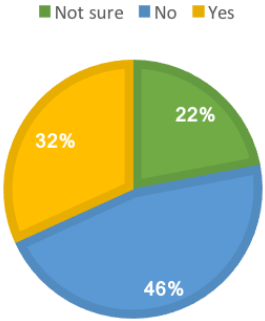
MONITORING SYSTEM IS SET UP PROPERLY



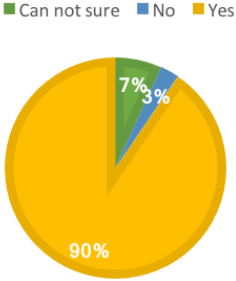
A MIX OF ES AND BLACK BOARD TEACHING HELP IN HOLDING THE INTEREST OF THE CLASS



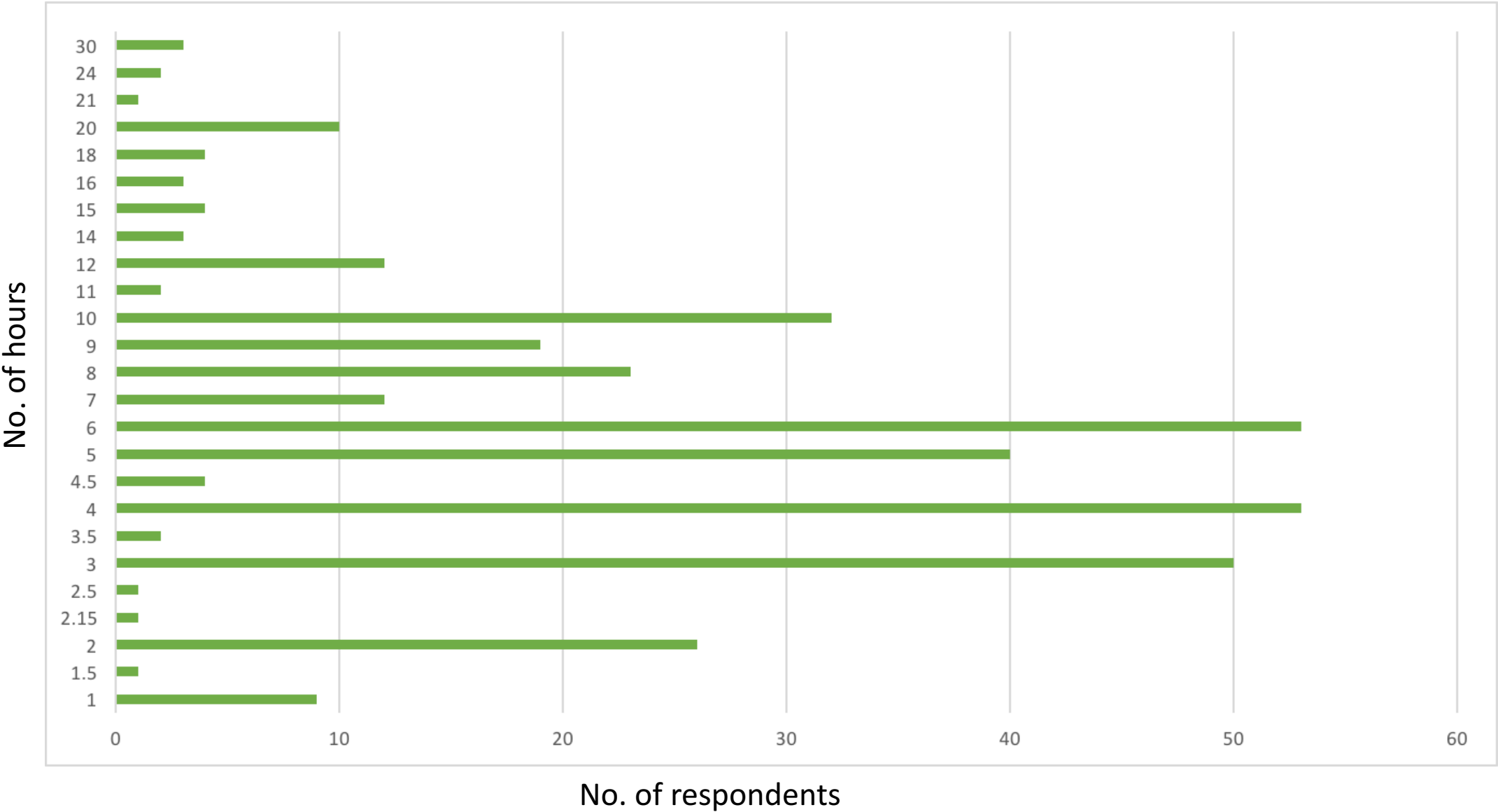
ONLY ES ARE SUFFICIENT TO FINISH THE PORTIONS



WOULD LIKE TO DEVELOP SOFTWARE TO BE USED WITH THE DIGITAL CONTENT GIVEN BY MENDA

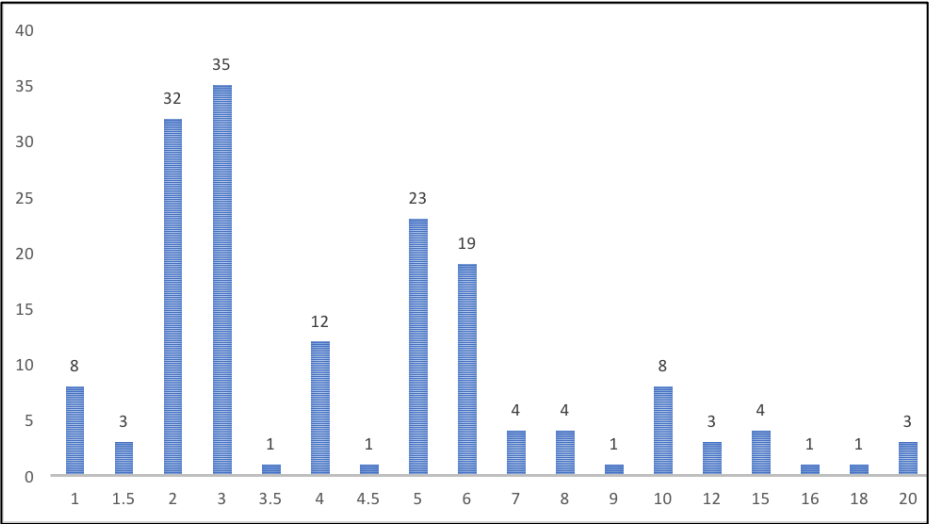


WEEKLY NO. OF HOURS e-SHALA IS USED BY TEACHERS

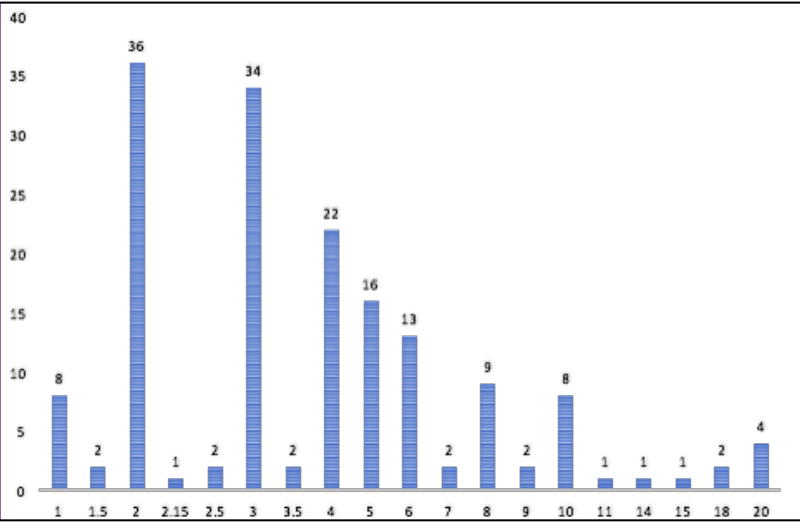


No. of hours taught through e-Shala in a week subject wise

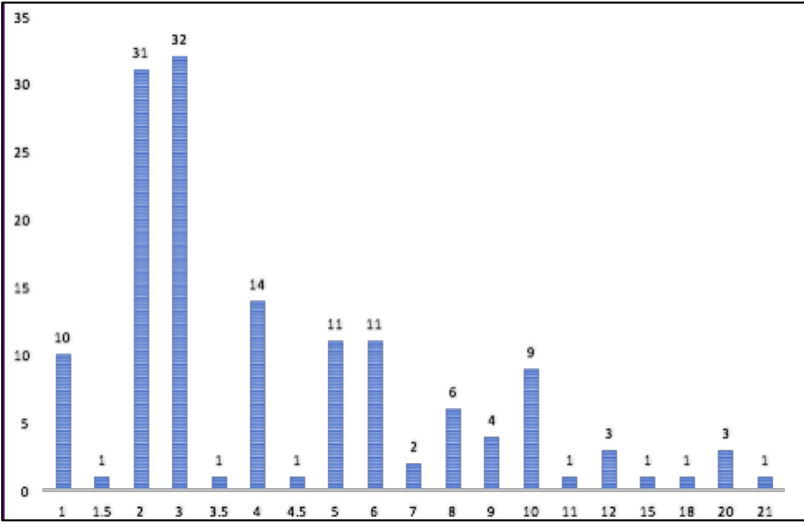
MATHS



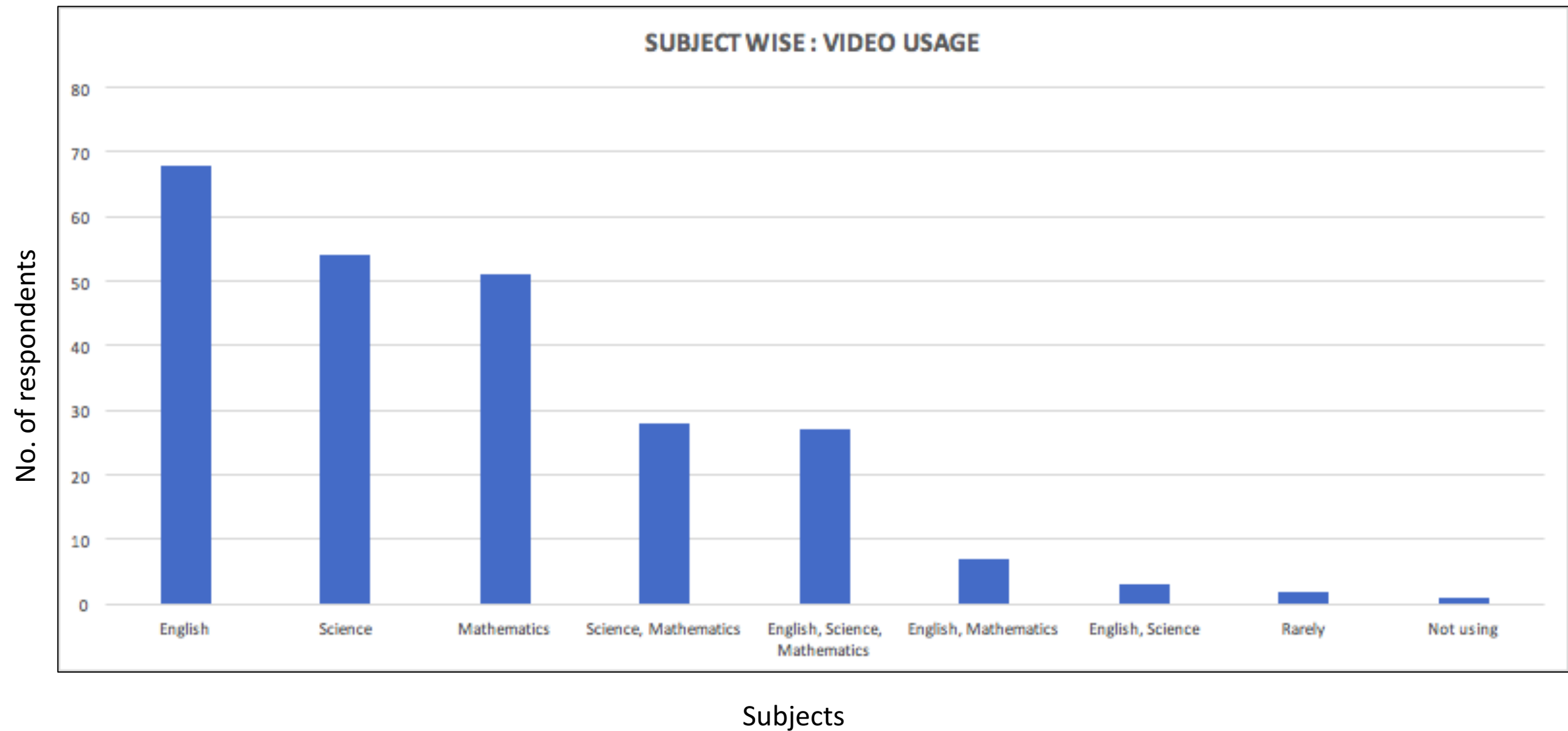
SCIENCE

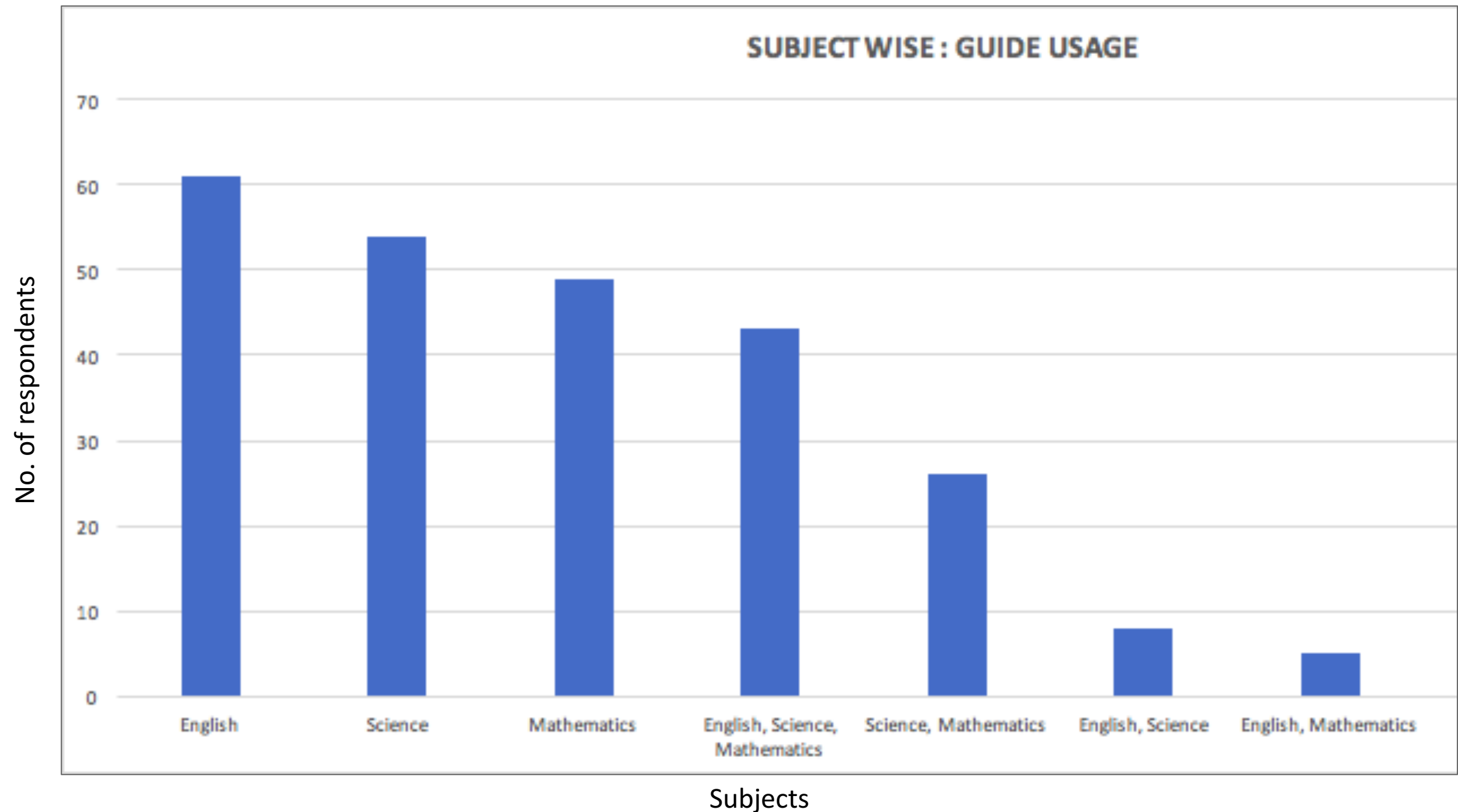


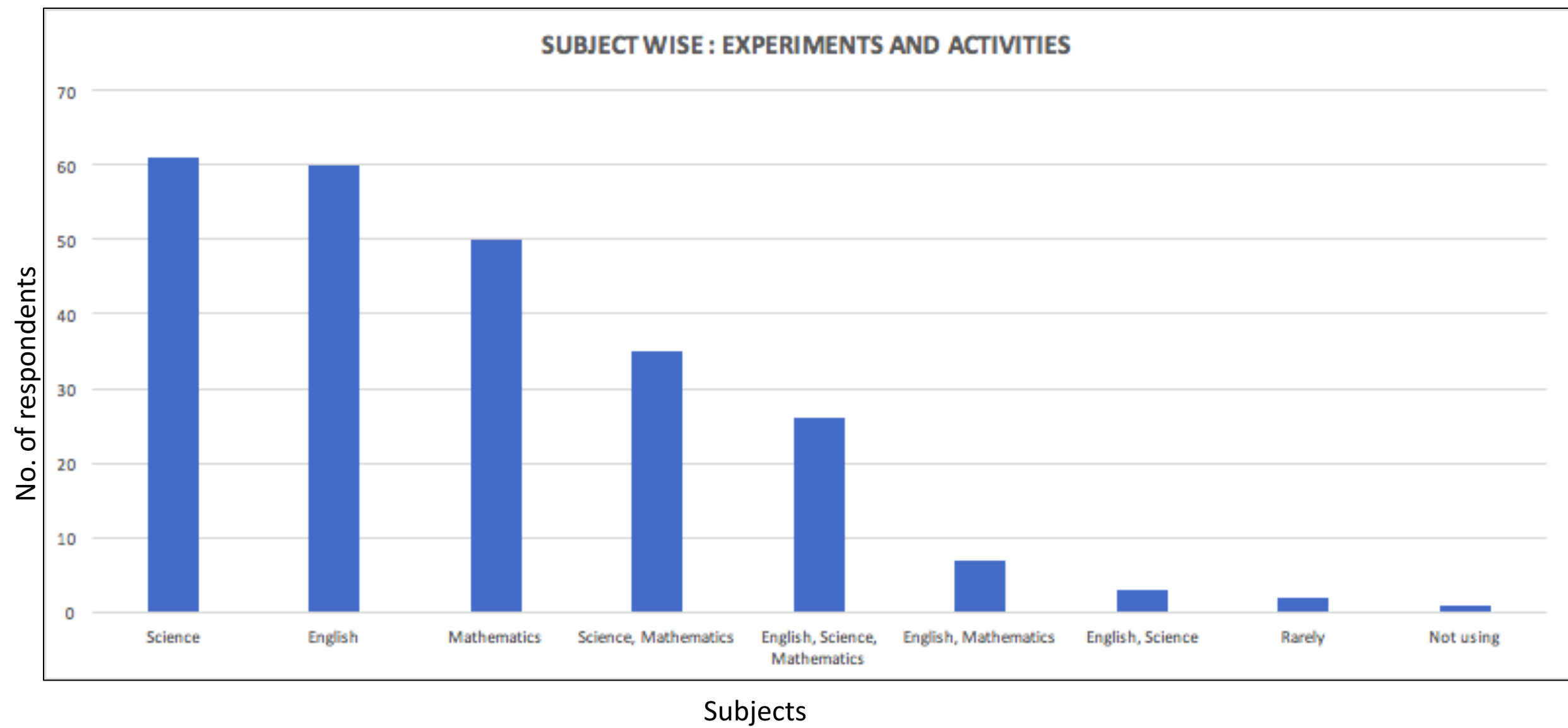
ENGLISH



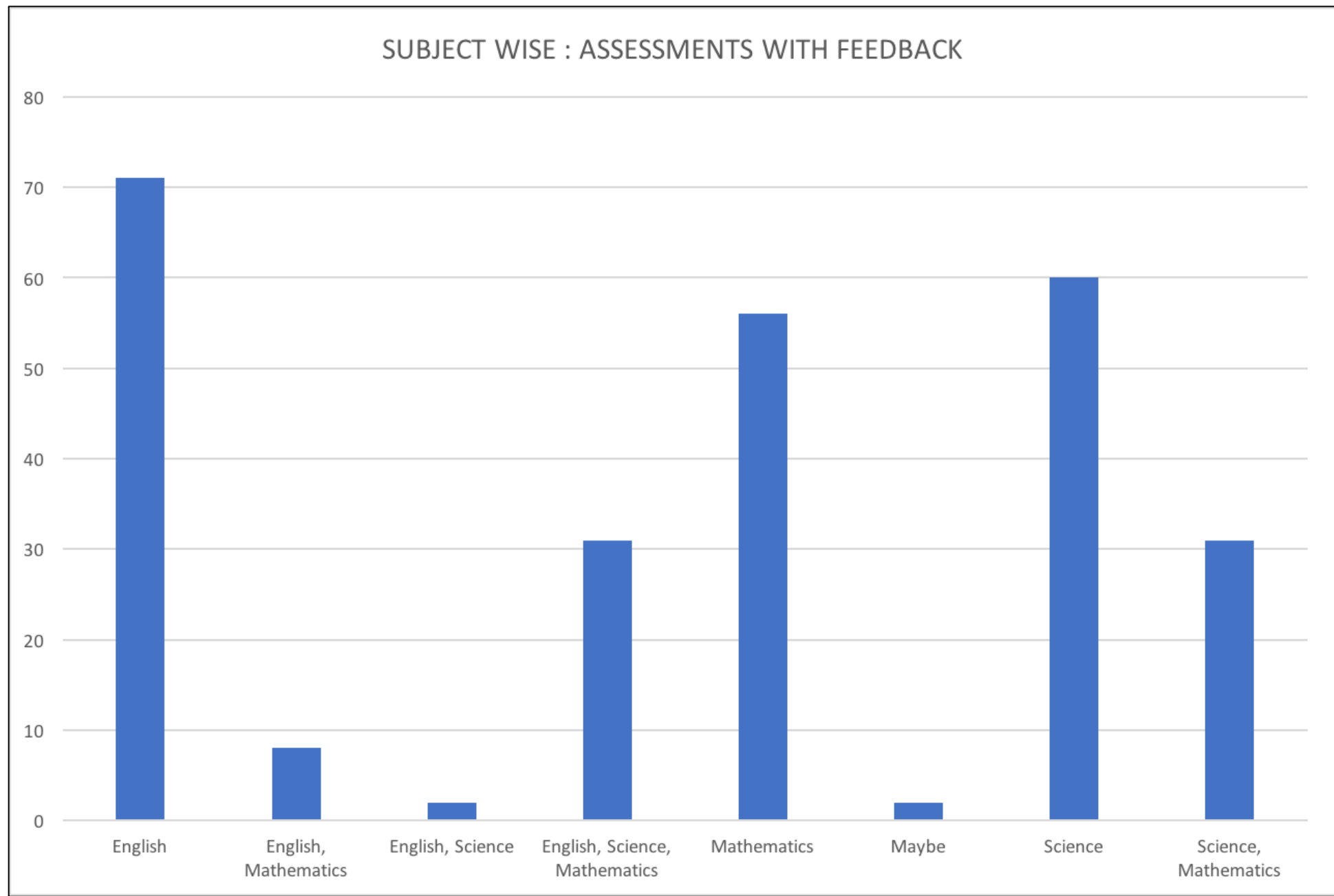
No. of hours





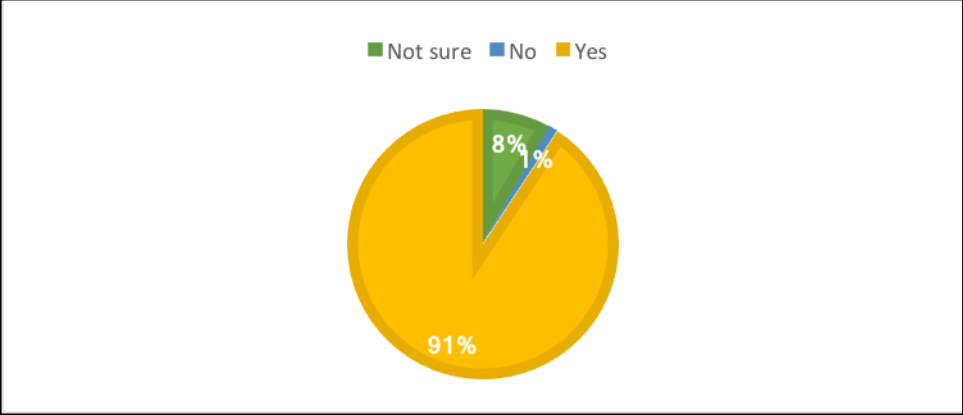


No. of respondents

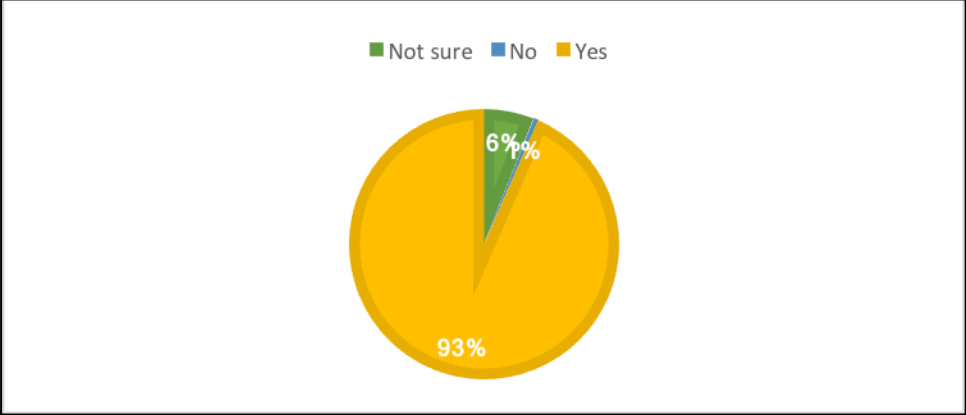


Subjects

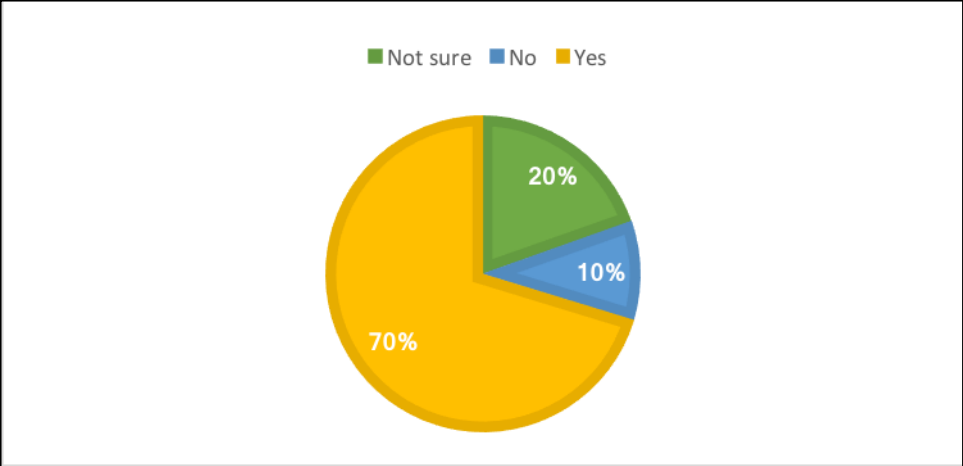
GOVERNMENT CAN DEVELOP SIMILAR MATERIAL.



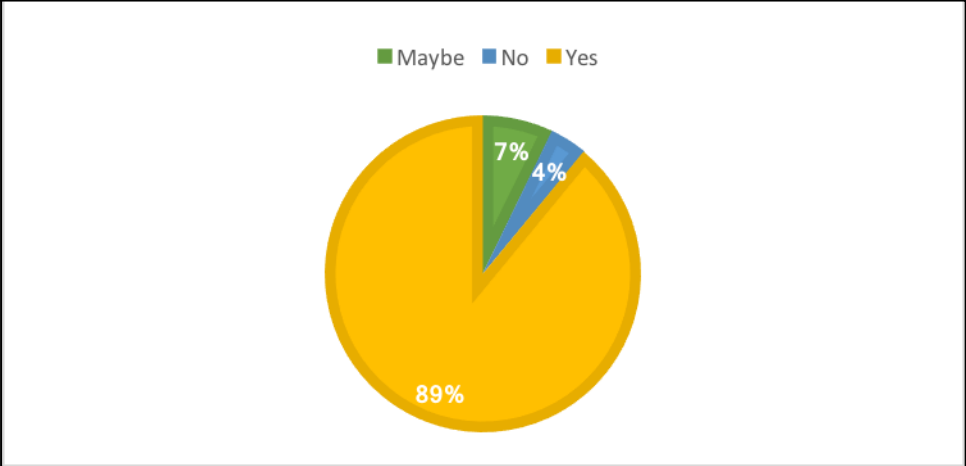
OTHER TEACHING METHODS CAN BE USED IN TEACHING STUDENTS.



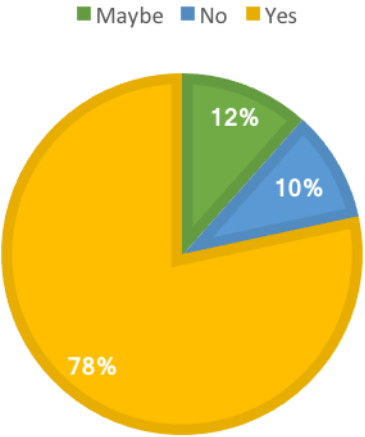
ABLE TO FINISH SUBJECT PORTION WITH eSHALA CONTENT.



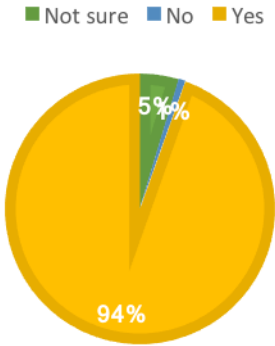
CLASS TIME CAN BE OPTIMALLY USED.



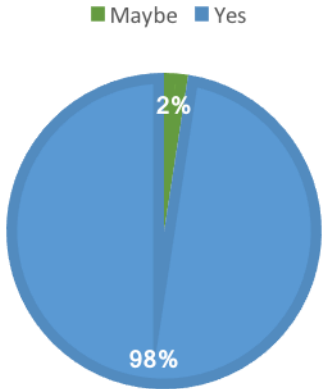
LESSON PLAN CAN BE EASILY MAINTAINED



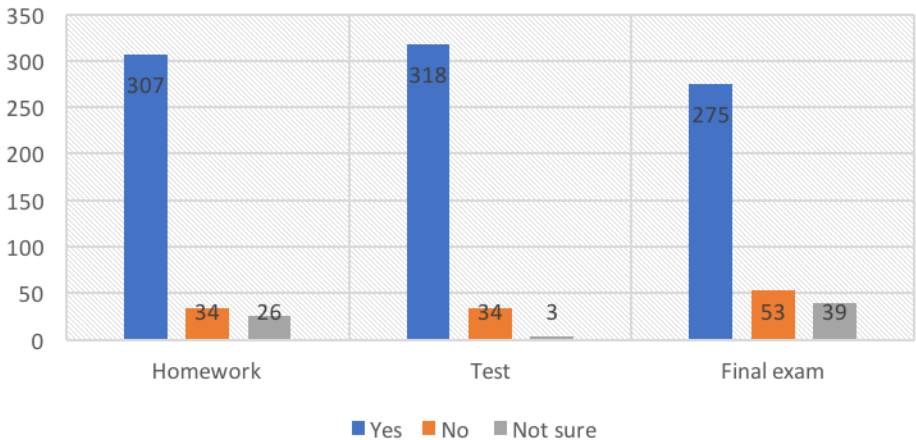
THERE IS A DISTINCT CHANGE IN THE ATTITUDE OF STUDENTS AFTER THE USE OF THE ES



THE SYSTEM HELPS IN THE PROCESS OF STUDENT EVALUATION



STUDENT EVALUATION



STUDENT

STUDENT

Perspectives identified-Interest creation, learning ease, ability to retain, examination performance, ability to handle technology

- Name
- Gender
- Age (to understand if age appropriateness)
- Class
- General academic record (self reported by student)

Interest creation

I look forward to classes where the SBs are used: agree/ cannot be sure/ disagree

These classes are very interesting compared to regular classes: agree/ cannot be sure/ disagree

I feel I have learnt more in these classes: agree/ cannot be sure/ disagree

Learning in the SB classroom

I am able to retain the knowledge for a longer period of time: agree/ cannot be sure/ disagree

The audio visual approach is better than the chalk and board approach: agree/ cannot be sure/ disagree

I like the idea of being part of a smart classroom: agree/ cannot be sure/ disagree

I feel teachers' pay more attention to students in these classes: agree/ cannot be sure/ disagree

I feel I can learn the subjects even without teachers when SBs are used: agree/ cannot be sure/ disagree

Exam performance

I always score more marks in subjects that use the SBs: agree/ cannot be sure/ disagree

My vocabulary has improved after being in the smart classroom: agree/ cannot be sure/ disagree

Writing the exams is easier when the SBs are used: agree/ cannot be sure/ disagree

I feel my exam performance is better after we started using SBs: agree/ cannot be sure/ disagree

Ability to handle technology

I feel more comfortable with technology usage after SBs were introduced: agree/ cannot be sure/ disagree

My interest in technology has increased because of SBs: agree/ cannot be sure/ disagree

Summary

98% of the students admit that e-Shala classes are more interesting than regular classes.

96% of the students look forward to e-Shala classes and 94% reported better retention of knowledge.

84% students reported better scores in subjects with e-Shala

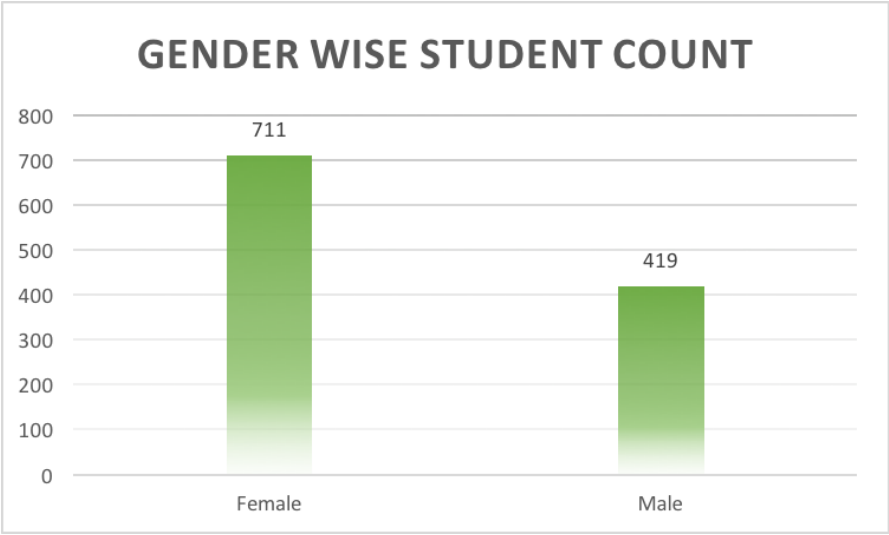
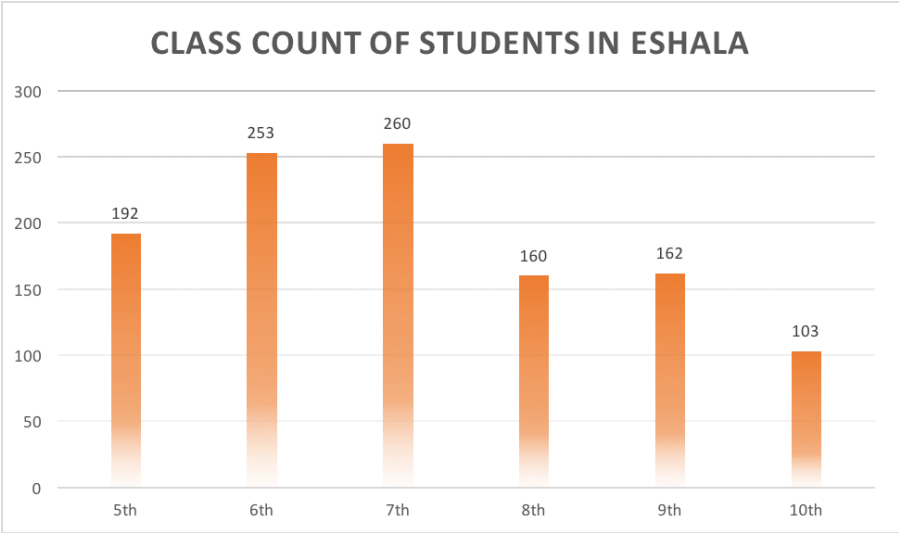
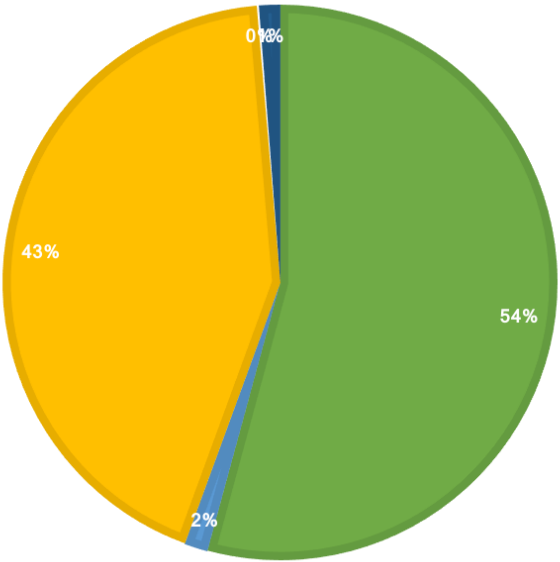
90% of students mentioned that they like e-Shala classes because of the audio visual method.

95% reported teachers pay more attention in e-Shala classes and 78% mentions they can even learn without teacher through e-Shala classes.

88% of the students feel more comfortable writing exams now and 80% have reported that their vocabulary has increased.

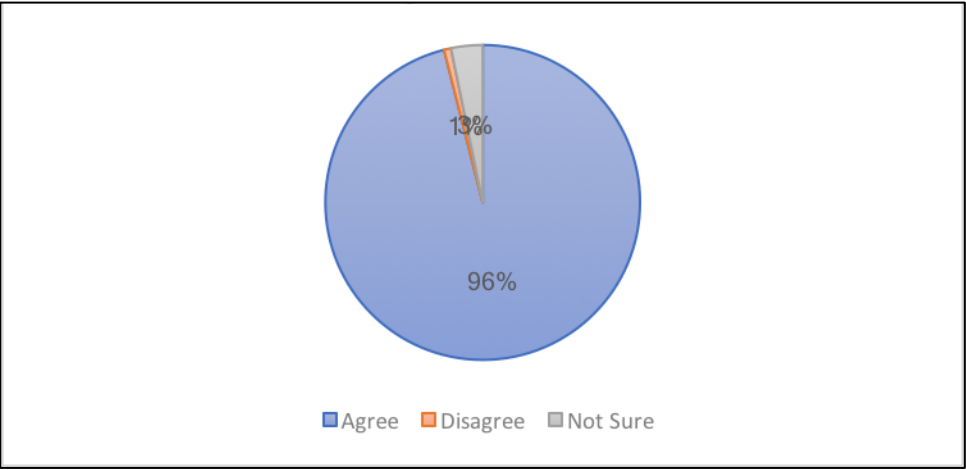
GENERAL ACADEMIC RECORD (SELF REPORTED BY STUDENT)

A A+ B B+ C

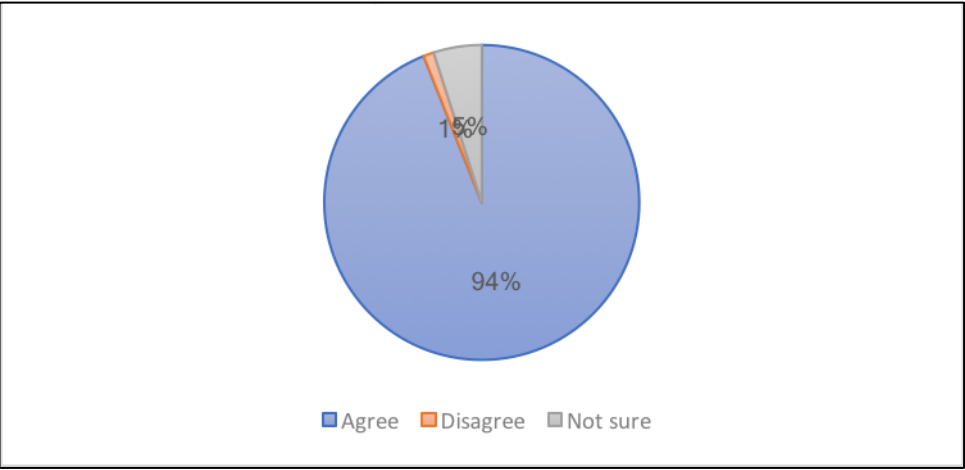


Student profile

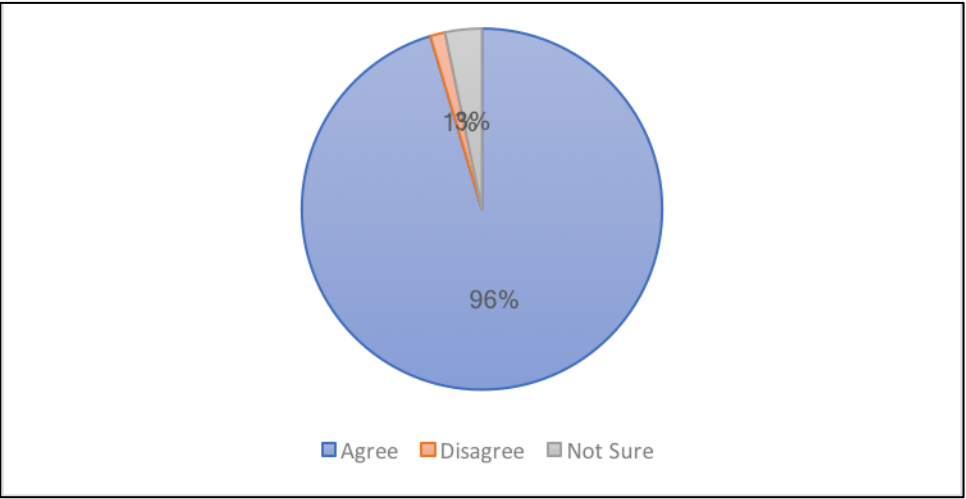
e-Shala classes are interesting compared to regular classes



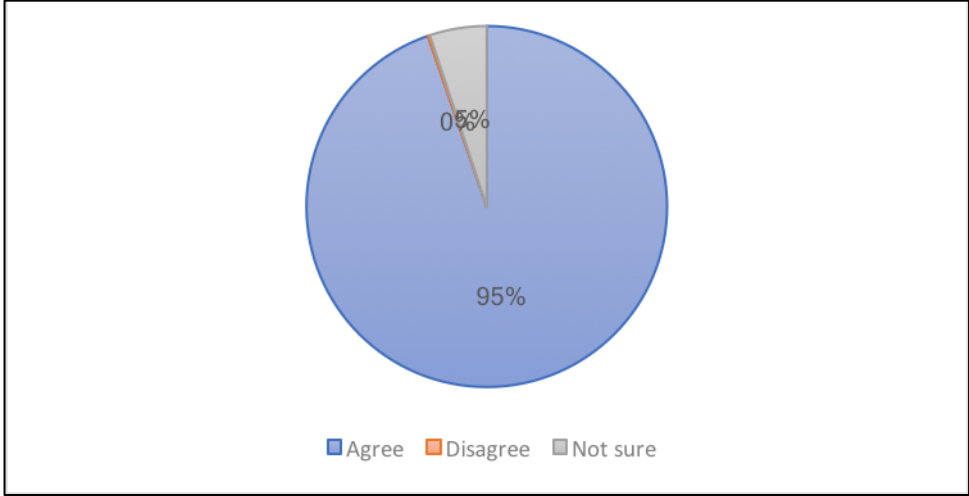
Students are able to retain knowledge for longer period of time



Students look forward to e-Shala classes

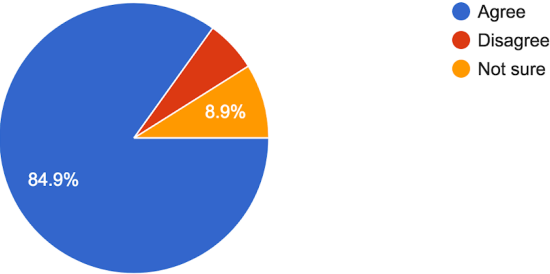


Students learn better through e-Shala classes

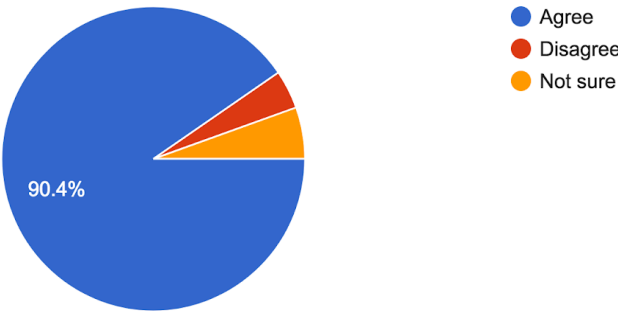


STUDENTS

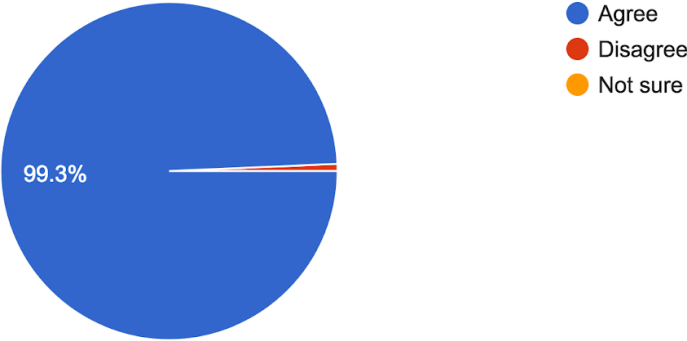
Students score more marks in subjects that use ES.



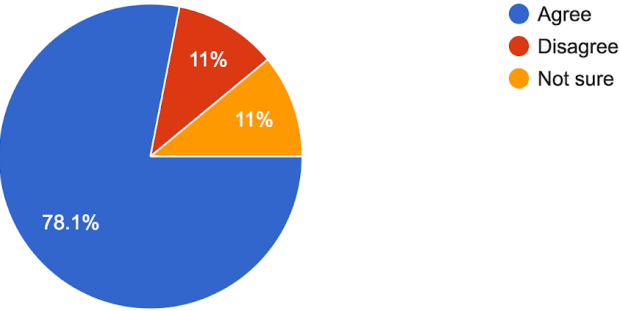
The audio visual approach is better than the chalk and board approach .



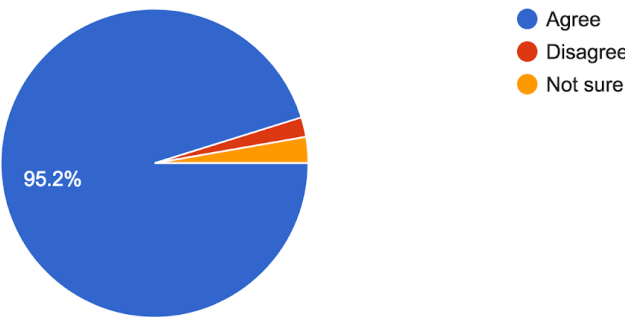
Students like being part of smart classroom.



Students can learn the subject even without teachers when ES is used.

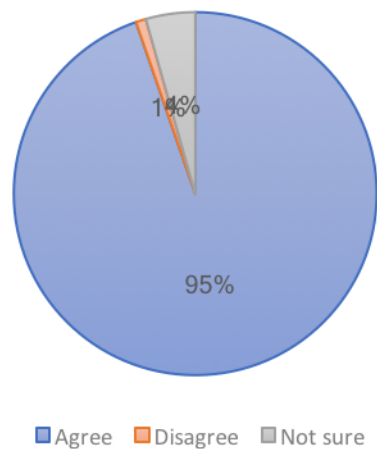


Teacher's pay more attention to students in these classes.

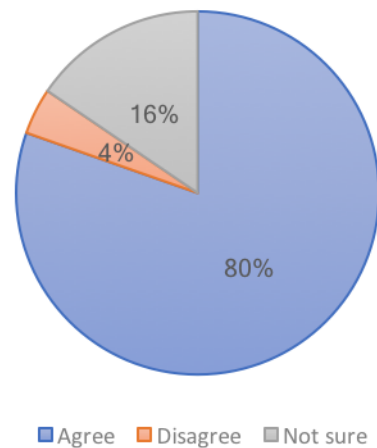


STUDENTS

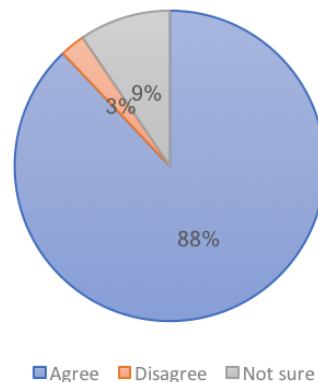
Student's interest in technology has increased because of e-Shala



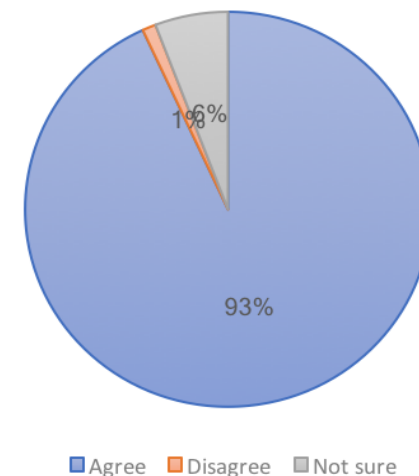
Student's vocabulary has improved after being a part of e-Shala class.



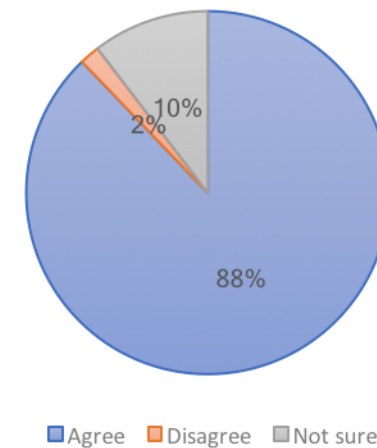
Writing exams is easier when the e-Shala classes are used.



Student's are more comfortable with technology now



Student's performance is better after starting e-Shala classes



PARENTS

PART B5

PARENTS

- Father
- Education
- Occupation
- Mother
- education
- Occupation
- Are you a member of the SDMC

(Any one parent can respond to the tool)

I have knowledge of all the classes which my son/daughter attend: agree/ cannot be sure/ disagree

I am very regular to the parent teachers meetings: agree/ cannot be sure/ disagree

I like to visit the school to discuss my child's academic performance: agree/ cannot be sure/ disagree

I appreciate the fact that SBs are introduced in my child's class: agree/ cannot be sure/ disagree

I believe his/her interest is greatly enhanced because of the SBs: agree/ cannot be sure/ disagree

I think academic grades have improved after the use of SBs: agree/ cannot be sure/ disagree

I think it will be an advantage for future education options because of the use of SBs: agree/ cannot be sure/ disagree

I think this should be applied to all the subjects: agree/ cannot be sure/ disagree

The SBs helps our children in developing their future aspirations: agree/ cannot be sure/ disagree

Summary

59% of the parents interviewed were also part of the SDMC committee as well.

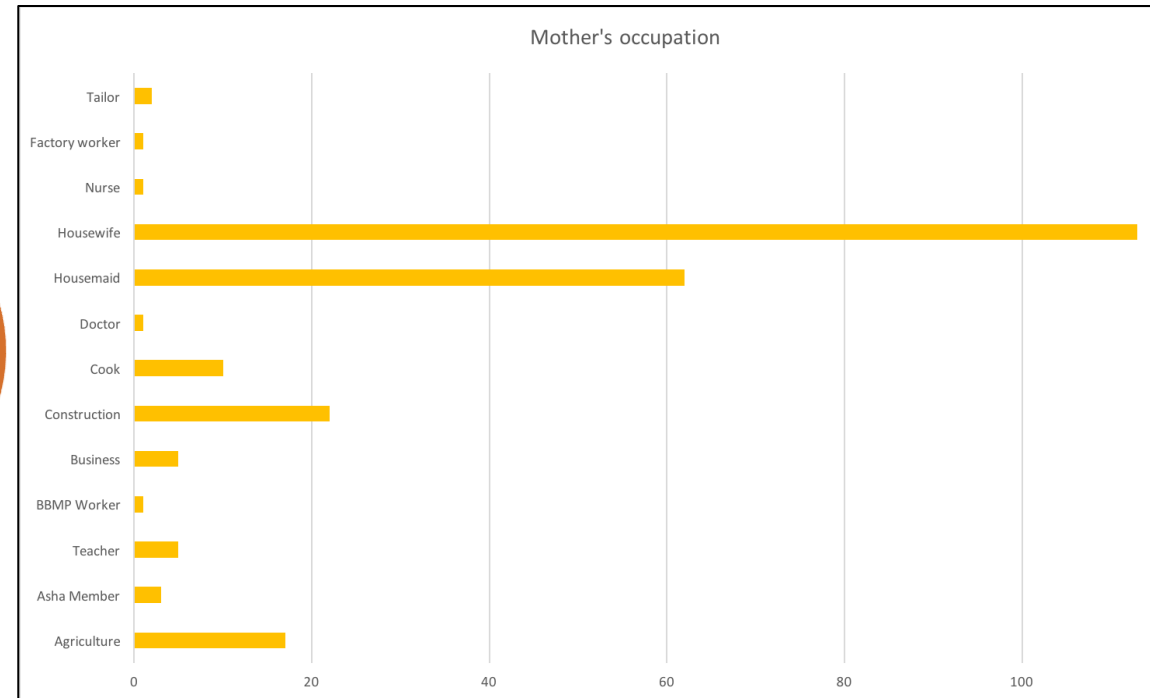
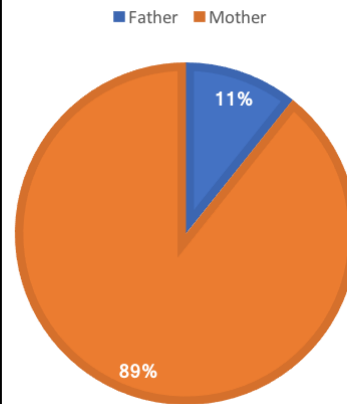
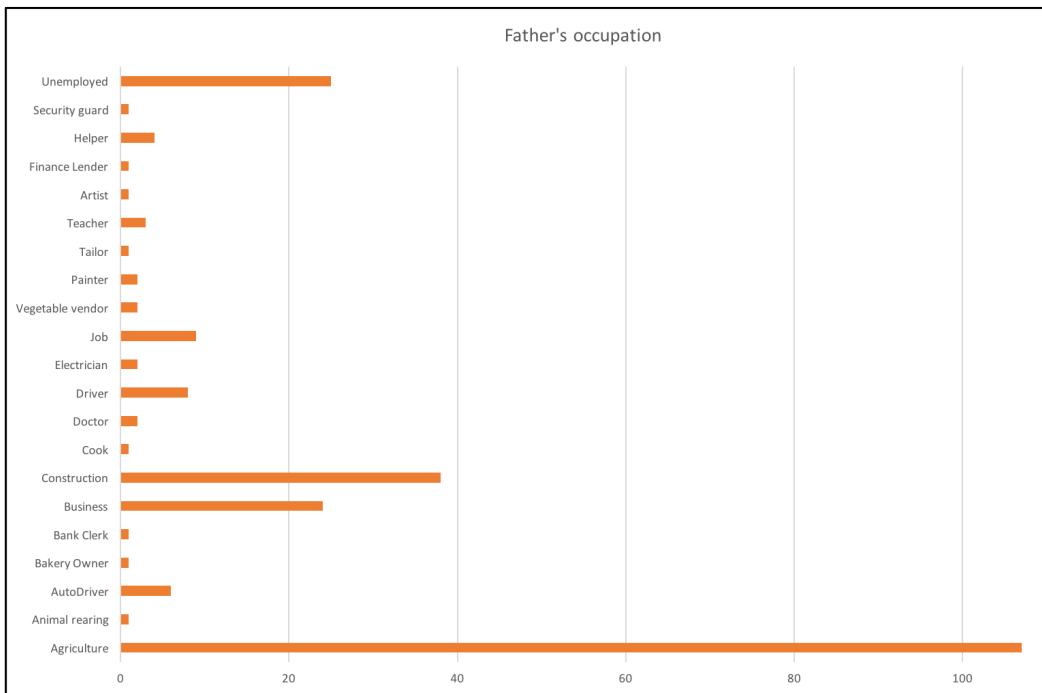
89% of the respondents are mothers where only 11% fathers

98% of the parents were regular to PTM and 99% of them were fully involved in their children's school life.

96% of the parents interviewed were aware of the e-Shala project and 90% report that their children's interest in studies have increased due to this and they have seen improvement in grades.

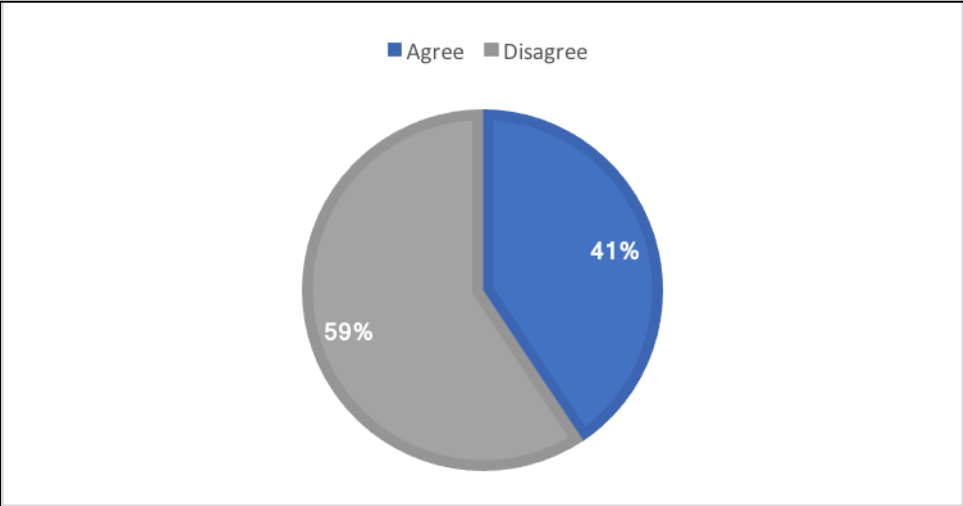
89% of the parents reported that this project will help their children in further education and 90% of parents want e-Shala for other subjects as well.

PARENTS

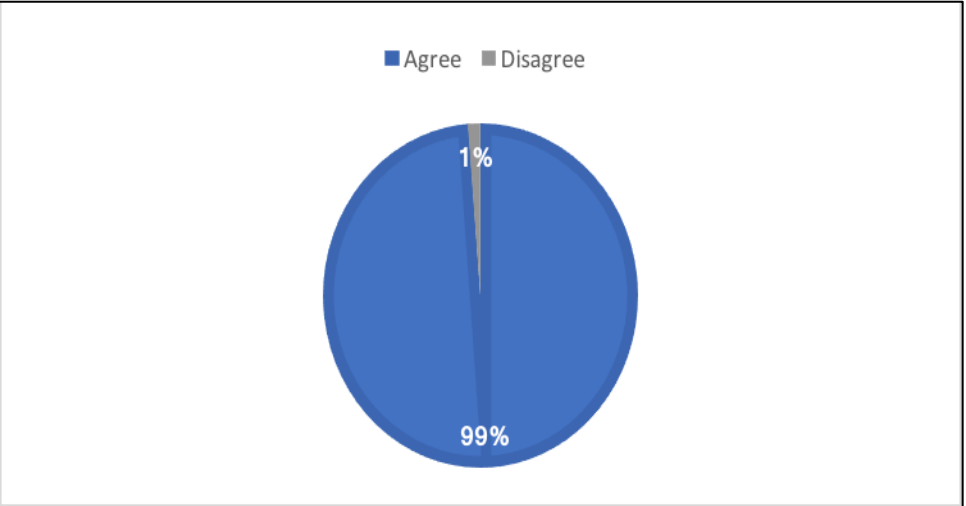


Parent's profile

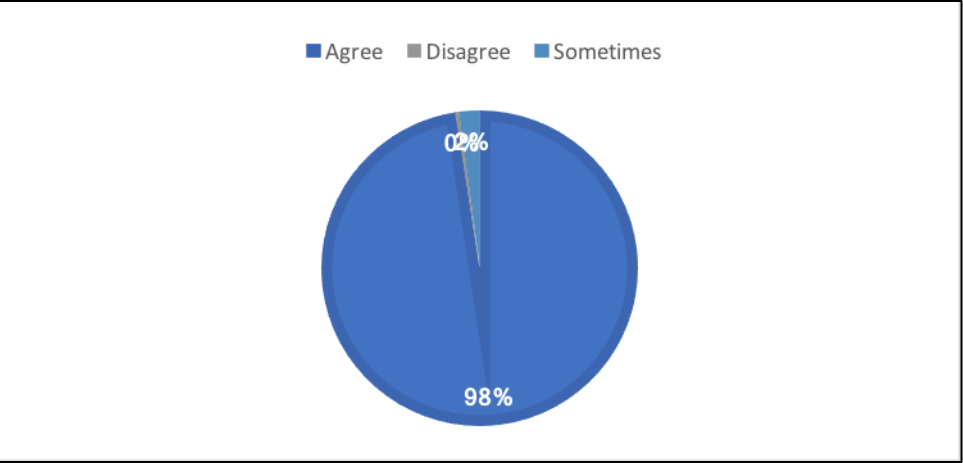
PART OF THE SDMC COMMITTEE.



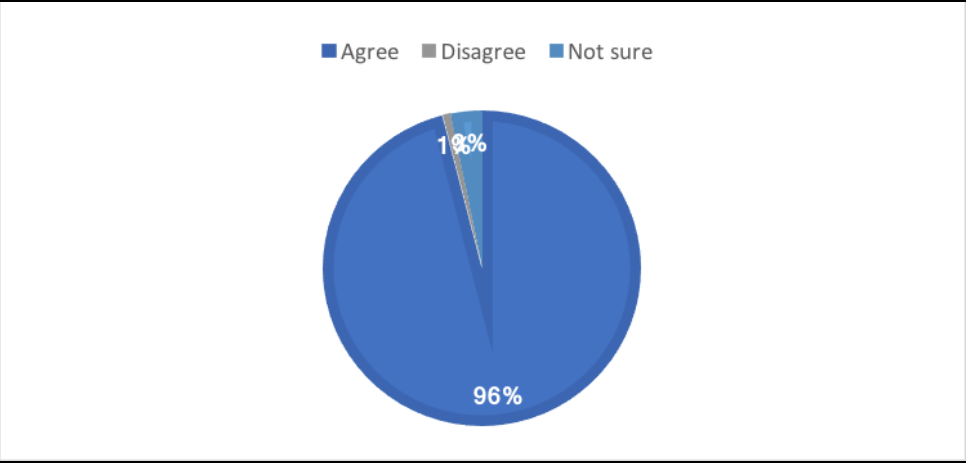
AWARE ABOUT THEIR CHILDREN’S CLASSES.



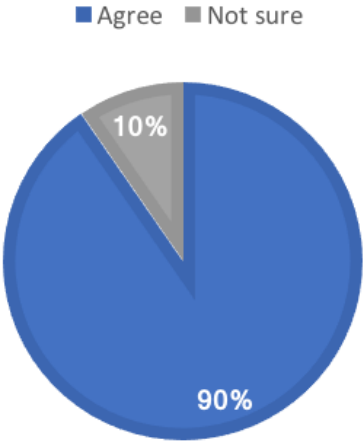
REGULAR PARTICIPANT AT THE PARENTS TEACHER MEETINGS.



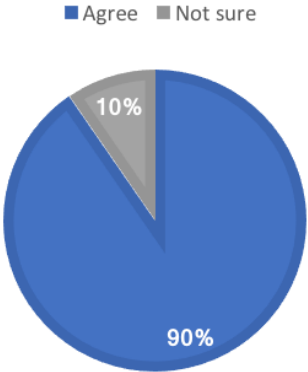
AWARE THAT e-SHALA HAS BEEN INTRODUCED IN THE CLASSES.



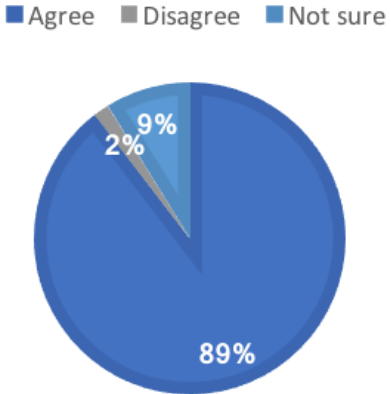
CHILDREN’S INTEREST HAS GREATLY ENHANCED BECAUSE OF e-SHALA.



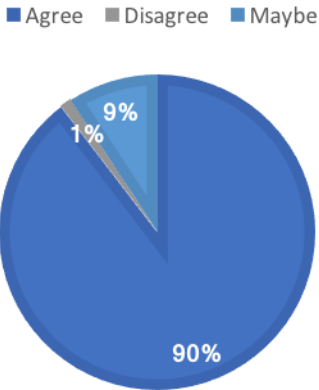
ACADEMIC GRADES HAVE IMPROVED AFTER THE USE OF e-SHALA.



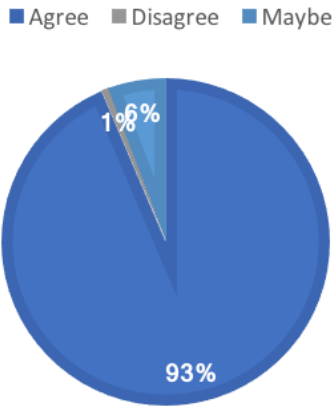
e-SHALA WILL HELP CHILDREN IN THEIR FURTHER EDUCATION.



e-SHALA CONCEPT SHOULD BE APPLIED TO ALL THE OTHER SUBJECTS.



e-SHALA HELPS IN DEVELOPING FUTURE ASPIRATION OF OUR CHILDREN.



COMMUNITY

PART C

Community

- Panchayat member OR SDMC member
- Informal leader

I am aware of the SBs adopted in the school: agree/ cannot be sure/ disagree

I am aware of the advantages that it has: agree/ cannot be sure/ disagree

I think this is the best option of using solar energy instead of regular power: agree/ cannot be sure/ disagree

This is creating greater awareness about sustainability issues as well: agree/ cannot be sure/ disagree

Our students are doing well because of these SBs: agree/ cannot be sure/ disagree

We feel proud that our school has been chosen for this project: agree/ cannot be sure/ disagree

We are always able to help if the school needs any support for using the SBs: agree/ cannot be sure/ disagree

I think school drop out has come down because of this innovation: agree/ cannot be sure/ disagree

Our children have become very keen about attending school: agree/ cannot be sure/ disagree

This school has greater acceptance than other schools because of these innovation: agree/ cannot be sure/ disagree

Summary

98% of the members interviewed were aware of the project.

97% reported that using solar energy in school is better than regular electricity.

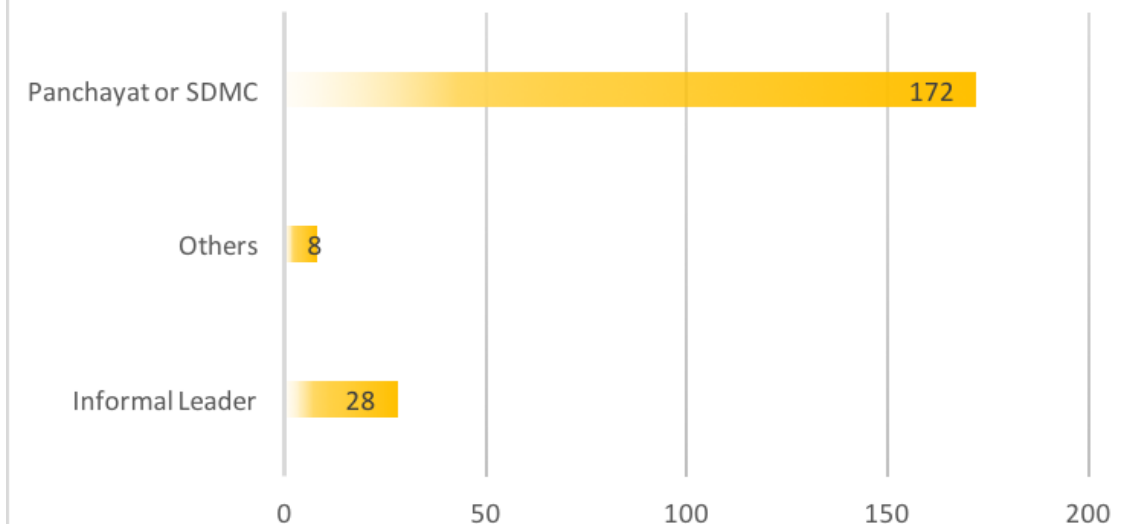
95% reported that students interest in attending school has gone up. While 89% said that drop out has come down.

96% reported that they are always willing to help school.

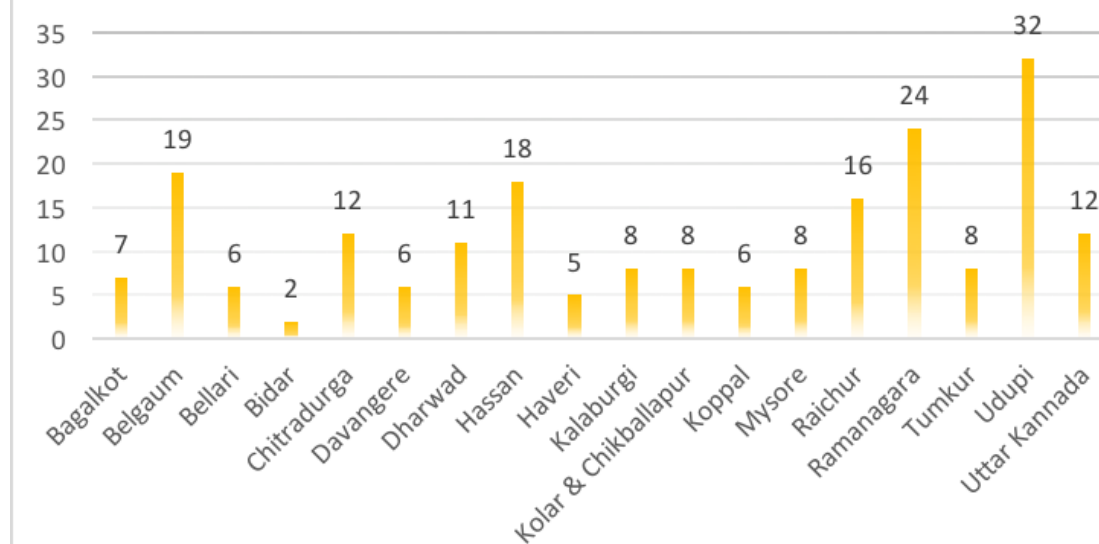
94% of the schools mentioned that this school has better acceptance/ reputation than any other school in the area.

Community member profile

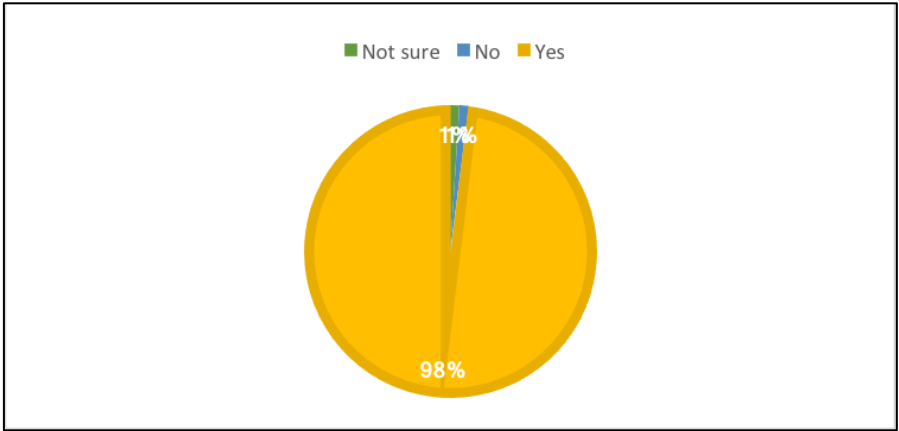
COMMUNITY MEMBER POSITION



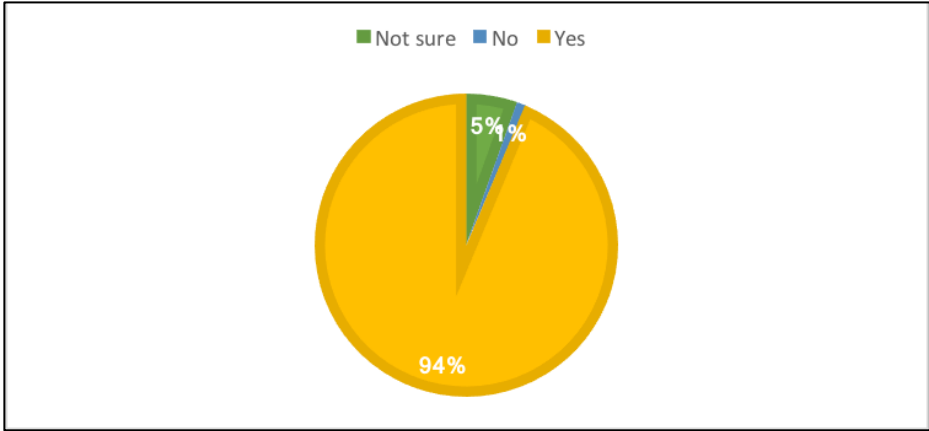
DISTRICT WISE COUNT



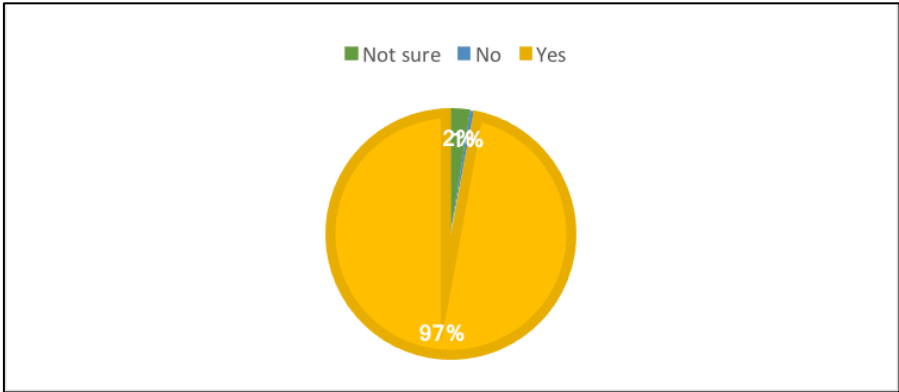
AWARE OF THE e-SHALA PROJECT.



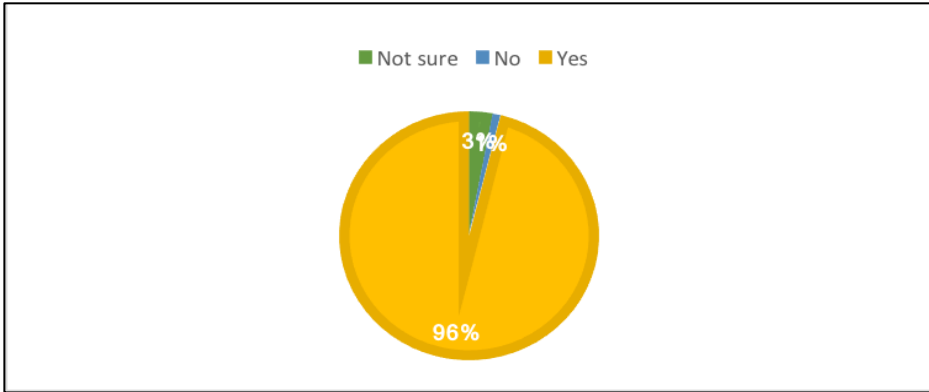
AWARE ABOUT SELCO'S SOLAR PANEL AND IT'S SUSTAINABILITY.



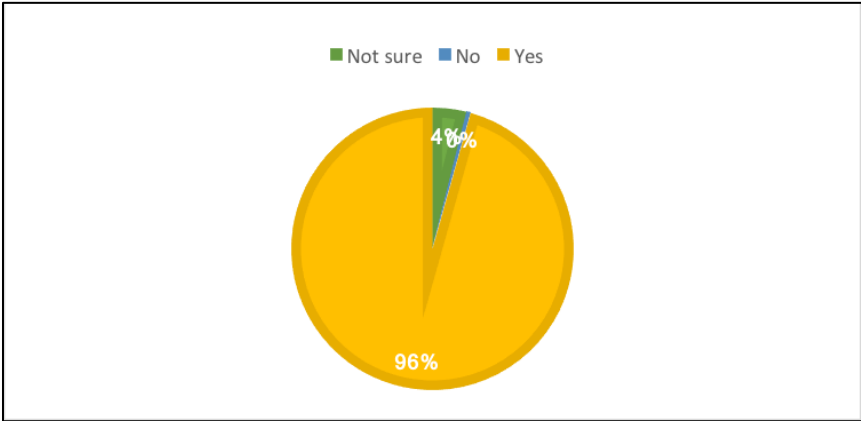
BETTER TO USE SOLAR ENERGY THAN REGULAR POWER.



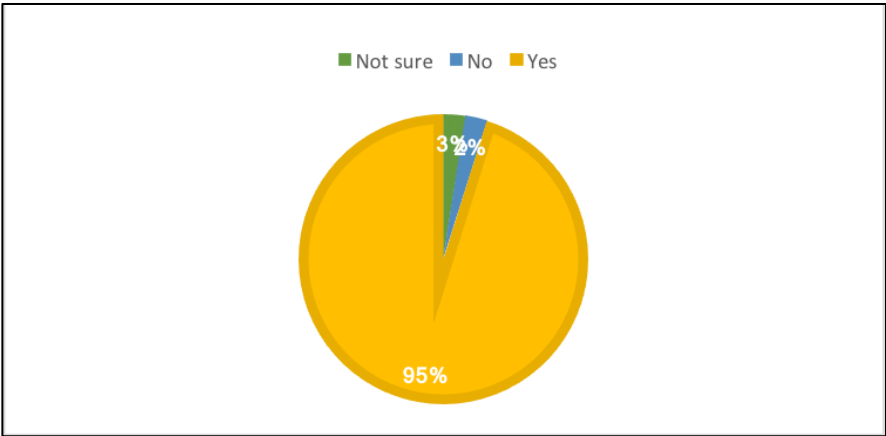
WILLING TO SUPPORT FOR e-SHALA PROGRAM.



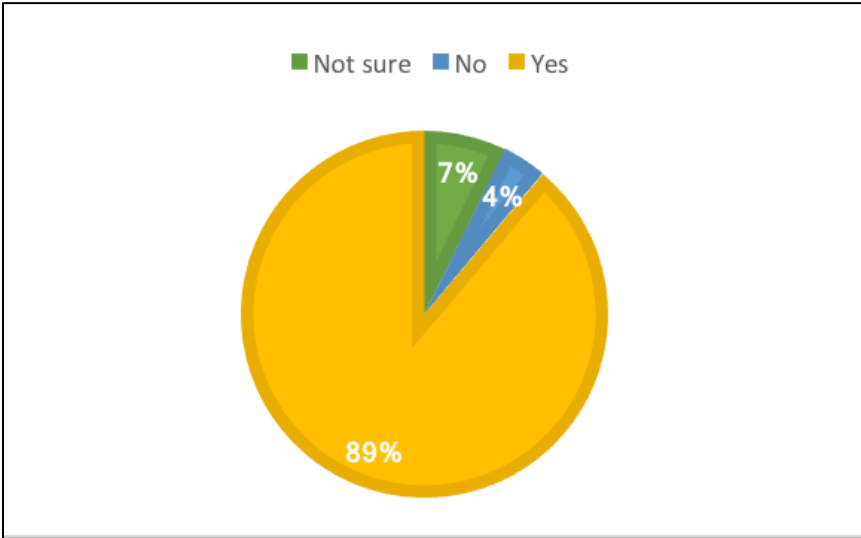
CHILDREN’S PERFORMANCE HAS IMPROVED
DUE TO e-SHALA.



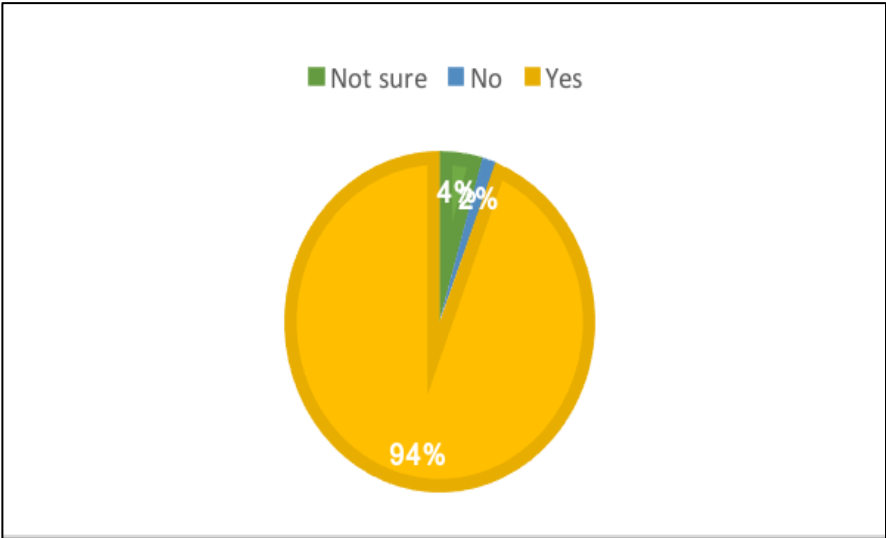
CHILDREN’S SCHOOL ATTENDANCE HAS
IMPROVED DUE TO e-SHALA.



SCHOOL DROP OUT HAS COME DOWN
BECAUSE OF THIS INNOVATION.



WILLING TO SUPPORT FOR e-SHALA
PROGRAM.



STENGTHES OF THE PROJECT

1. Project that is powered by solar energy.
2. Reverse migration from private schools to govt schools have been reported in these schools due to the project. (Case studies-HMs).
3. It has clearly enhanced students involvement in the classroom. Students could pin point topics and lesson they want more activities for.

THREATS TO THE PROJECT

1. Other e-content programs. In many schools, teachers are using e-content from sources like YouTube, NCERT and other free online content provider.
2. One person depended project. Less involvement of SDMC in the projects.

SUSTAINABILITY

1. All the teachers/ sub-staff should be re-trained.
2. Larger TV should be given. As per the survey, most of the class have 50 or above students which makes it difficult to view the TV.
3. Sound quality needs to be improved.
4. Regular connect with Principals or SDMC members should be done to review the project.
5. Benefits of the program to be advertised.
6. Regular involvement of SDMC & panchayat members.

CONTENT

1. Project workbooks for students should be developed.
2. As per the FGDs conducted, students have shown interest in e-content for Social studies. From 6th std, students are exposed to 3rd language. Students have asked for content in Hindi.
3. English grammar alone becomes boring for the students. They suggested literature also becomes part of the e-content.
4. E-content needs to be upgraded for class 6th syllabus
5. More activities to be included in Math's content.

PROJECT IMPLEMENTATION

1. Focus should be on locations/ areas that are under-serviced.
2. Sustainability of the project will require promoters to handhold for more time with a new plan to make schools independent. SDMC have been found to be active and positive about the program.
3. Parent involvement to be enhanced.
4. Encouragement for using the faculty for other educational purposes like adult learning, remedial classes.

