

## APPENICES

### Questionnaire for the Head of the schools

#### **Development and Improvement of Secondary Education under Centrally Sponsored Scheme Samagra Siksha Abhiyan**

Rashtriya Madhyamik Shiksha Abhiyan (RMSA) of Samagraha Siksha Abhiyan in the State of Sikkim-An Evaluative Study

**Please fill in the following information:**

Name: .....

School Name: .....

Qualification: ..... Designation .....

District: ..... Block: .....

Gender: Male: ..... Female: .....

Locality: Rural/Urban: .....

### **ETHICAL CONSIDERATION**

1. Researcher will secure right to maintain privacy of participants, guaranteed anonymity, guaranteed confidentiality and avoiding harm, betrayal or deception.
2. No distinction will made on the grounds of age, cast, colour, religion, race, political belief, living style etc. unless the nature of the work warrants so.
3. Researcher will provide dependable database, helpful in planning and execution of reforms: so that quality of schools may improve.
4. The result will not report as the final voice.
5. Words, which are undignified, defamatory or unprofessional, will not use while quoting the other author.

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## Questionnaire for the Head of the schools

### Access

**1. Upgradation of schools to secondary and senior secondary Level**

**The school was upgrade in the year 2010-2019.**

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes

Year of Upgradation \_\_\_\_\_

a. Junior to Secondary \_\_\_\_\_

b. Secondary to Sr. Secondary \_\_\_\_\_

**2. The school has disable friendly infrastructure in the building. Yes \_\_\_\_\_ No \_\_\_\_\_**

**If Yes, What are the facilities for disabled children?**

a) Ramp \_\_\_\_\_

b) Wheel Chair \_\_\_\_\_

c) Others \_\_\_\_\_

**3. Does the school building has the facility of Rain Harvesting System? Yes \_\_\_\_\_**

**No \_\_\_\_\_**

**If yes**

a. Number of buildings with Rain Harvesting System \_\_\_\_\_

b. Utilization of water

What are the purposes for which harvesting system utilized?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

**4. Physical Infrastructure Non-Recurring**

a. Class rooms/Additional classrooms

Class rooms/ additional classrooms	Classroom-Pupil Ratio		Classroom Size as per State norm	Number of Classroom for IX & X in upgraded schools	Contribution from the community for classroom construction	Additional Class rooms for IX and X	Grants available (Per year)	
	1:20							
	1:40							
	1:80							
	Quite Satisfactory							
	Satisfactory							
	Not Satisfactory							

**b. Science Lab and equipment (Please tick and fill the table)**

Science laboratory	Integrated science Laboratory for Physics, chemistry, biology & mathematics		Room size as per state norms for Lab	Community contribution	Grants available under RMSA for Science Laboratory (Per year)
	Available	Number			
Lab Equipment	Availability	Sufficient	Not Sufficient	Not Available	
	Physics				
	Chemistry				
	Biology				
	Mathematics				

**c. Rooms for Head of School and Staff**

Headmaster/Principal room	Available	Not Available	Principal room used for meeting room	Room size as per state govt. norms for holding meetings	Community contribution	Grants available (Per year)
Staff/teachers room						

**d. Girls Activities Room**

Girls activity rooms	Available	Not Available	Adequate size	Number of rooms	Community contribution	Grants available (Per year)

**e. Computer Lab**

Computer room/laboratory for computer	Available	Not Available	Number of rooms	Number of computers	Grants available (Per year)	Community contribution

**f. Resource Lab**

Art/craft/culture laboratory	Available	Not Available	Number of rooms	Size of the room as per state norm	Grants available (Per year)	Community contribution

Library	Quit Satisfactory	Satisfactory	Not Satisfactory	Community Contribution	Grants available under RMSA (Per year)

**g. Toilets and drinking water facility**

Toilets and Drinking Water Facilities	Number of toilets for Girls	Number of Toilets for Boys	Number of Toilets for male Faculties	Number of Toilets for Female Faculties	Drinking water Facilities	Proper Drainage system
Quite Sufficient						
Sufficient						
Not Sufficient						

**5. Physical infrastructure – Recurring**

I. Does the repairing work took place in the school? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, tick the appropriate options

- a) School building \_\_\_\_\_
- b) Toilets \_\_\_\_\_
- c) Tanks \_\_\_\_\_
- d) Play ground \_\_\_\_\_
- e) Campus \_\_\_\_\_
- f) Conservancy services \_\_\_\_\_
- g) Electrical fittings \_\_\_\_\_
- h) Sanitary & fixtures \_\_\_\_\_

II. Availability of equipment in the Science Lab

- a) Is there any replacement of Lab equipment? Yes \_\_\_\_\_ No \_\_\_\_\_
- b) If Yes
- c) Old Equipment \_\_\_\_\_
- d) New Equipment \_\_\_\_\_

III. Involvement of community in the repairing and renovations of the schools infrastructure.

Yes \_\_\_\_\_ No \_\_\_\_\_. If yes, please explain.

: \_\_\_\_\_  
 \_\_\_\_\_

IV. Grants from the state government for the repairing and renovation of the infrastructure

: \_\_\_\_\_

Repairing work done Under RMSA since 2010-2019	Name of Work	Amount sanction	Amount utilized	finishing
Repairing and renovations minor and major				
Repairing/replacement of laboratory equipment				
Purchase of lab consumable articles				
Purchase of books, periodicals newspapers etc.				
Study tours/excursion trips				

V. Teachers Details

Teachers, Non-Teaching Staffs and Lab Attendants									
Teachers	Pupil teacher Ration	Trained teachers	Untrained teachers	Teachers trained under RMSA	Teacher recruited under RMSA	Physical Education Teacher	Residential quarter for teachers	Lab Attendant/Non-Teaching Staffs	Watchman
Total No									
Quite Satisfactory									
Satisfactory									
Not Satisfactory									

VI. Does the school participate in science exhibition in District Headquarters or in the place within the District? If Yes  
 Often \_\_\_\_\_  
 Sometime \_\_\_\_\_  
 Never \_\_\_\_\_

VII. Any award received until now. If yes  
Mention the name of award and the year of award in the science exhibition

: \_\_\_\_\_

**6. Opening of new secondary and higher secondary schools in un-served areas based on the school mapping exercise.**

a. Does this school has covered the area as per the guidelines of the RMSA?

\_\_\_\_\_

b. Does the children are satisfied with the distance that has to be travel from their home?

\_\_\_\_\_

**Quality Intervention**

**1. Management Information System**

Does this school cover the area of 5 km? Yes \_\_\_\_ No \_\_\_\_

If yes, kindly elaborate the details.

:

\_\_\_\_\_

**2. Number of Teachers appointed in your school**

Total Number \_\_\_\_\_ For Secondary \_\_\_\_\_

**3. Number of Teachers (Subject wise)**

i. Language \_\_\_\_\_

ii. Mathematics \_\_\_\_\_

iii. Science \_\_\_\_\_

iv. Social Science \_\_\_\_\_

4. Number of Teachers Trained \_\_\_\_\_ Yet to be trained \_\_\_\_\_

**5. Number of teachers based on appointment**

a. Regular \_\_\_\_\_

b. Ad-Hoc \_\_\_\_\_

c. RMSA (Samagraha Siksha Abhiyan) \_\_\_\_\_

d. SSA \_\_\_\_\_

**6. Learning resources Centre**

Does the learning resource center available? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, how it is used?

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**6.1 Laboratory & Equipment**

a. Does the equipment in the laboratory is sufficient for the practical work of the students?

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b. Is there separate lab for science subjects?

	Yes	No
Mathematics	_____	_____
Physics	_____	_____
Chemistry	_____	_____
Biology	_____	_____

**7. Health and Physical Activities**

- e. Volleyball \_\_\_\_\_
- f. Football \_\_\_\_\_
- g. Cricket \_\_\_\_\_
- h. Basketball \_\_\_\_\_
- i. Medical Checkup \_\_\_\_\_
- j. Vaccination \_\_\_\_\_
- k. Others Activities \_\_\_\_\_

Is there any Sport Person Playing for the State/Nation from this School?

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**8. Art and Craft Education**

- a. Knitting \_\_\_\_\_
- b. Stitching \_\_\_\_\_
- c. Carving \_\_\_\_\_
- d. Others \_\_\_\_\_

**9. Achievement of the students in the District, State and National level**

- a. Music \_\_\_\_\_
- b. Dance \_\_\_\_\_
- c. Theatre \_\_\_\_\_
- d. Visual Arts \_\_\_\_\_

**10. Residential Facilities for the Teachers**

Does the school have residential buildings for the teachers and staff?

If No, how is the teacher managing?

\_\_\_\_\_

**11. Adolescent Education Programme (AEP)**

a. Awareness programme for students on HIV/AIDS and other communicable diseases.

How many times in a Year?

\_\_\_\_\_

b. Organizing Partners involved in the programme.

\_\_\_\_\_

c. Awareness programme related to the problems of the Girl Students.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

d. Organizing Partners involved in the programme.

\_\_\_\_\_

e. Is there any curricular integrated on Adolescent Education Programme in the courses of study.

\_\_\_\_\_

**12. Guidance and Counselling**

Is there any programme related to guidance and counselling in the school. Kindly provide the details.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**Resource person invited for the Guidance and counselling programme.**

- a. \_\_\_\_\_ Designation \_\_\_\_\_ Reason for invitation \_\_\_\_\_
- b. \_\_\_\_\_ Designation \_\_\_\_\_ Reason for invitation \_\_\_\_\_
- c. \_\_\_\_\_ Designation \_\_\_\_\_ Reason for invitation \_\_\_\_\_
- d. \_\_\_\_\_ Designation \_\_\_\_\_ Reason for invitation \_\_\_\_\_

**Equity Interventions**

**3.1 Girls Education**

3.1.1 What is the number of Girl students getting scholarships from the various schemes from this school?

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3.1.2 Is there any transport facilities to the girl students in school?

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3.1.3 The measure steps taken for the safety and security of girl child while commuting to the school.

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3.1.4 Does the school has Emergency Medical room for girls?

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3.1.5 Does the school has hostel facilities for girl students? If yes

- i. Number of building \_\_\_\_\_
- ii. Warden availability \_\_\_\_\_
- iii. Kitchen facility for students
  - a. Cooking staff \_\_\_\_\_
  - b. Cleaning staff \_\_\_\_\_
- iv. How many girls are there in the hostel?
  - a. class IX \_\_\_\_\_
  - b. Class X \_\_\_\_\_
  - c. Class XI \_\_\_\_\_
  - d. Class XII \_\_\_\_\_
- v. Fees to be paid by the students Per month \_\_\_\_\_

3.1.7 **Criteria for getting admission in the hostel on**

- a. Merit basis \_\_\_\_\_
- b. Preference to SC/ST/ Economically backward minorities \_\_\_\_\_

**3.2 Education of children belonging to SC/ST/OBC/Educationally Backward Minorities**

3.2.1 Is there any scheme for the children belonging to SC/ST/OBC/Educationally Backward Minorities? If yes  
What are they?

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3.2.2 Scheme under RMSA (Samagraha Siksha Abhiyan) Programmes/ activities

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### 3.2.2 Beneficiaries under the scheme

Class	Number of beneficiaries(students)	Scheme	Grants available (Per Year)	Remarks
Class IX				
Class X				
Class XI				
Class XII				

### 3.3 Enrolment, Retention and Achievement

#### Enrolment

3.3.1 What are the major steps implemented for the enrolment of the students in secondary education?

- a. More women teachers are appointed \_\_\_\_\_
- b. Regular enrolment drives \_\_\_\_\_
- c. Conduct special camps \_\_\_\_\_
- d. Working in close collaboration with the community in mobilizing parents in identified pockets \_\_\_\_\_
- e. Using local community leaders in community mobilization \_\_\_\_\_
- f. Providing hostel facilities \_\_\_\_\_
- g. Number of Boys students \_\_\_\_\_ Girls Students \_\_\_\_\_
- h. Number of Female Teachers \_\_\_\_\_ Male Teachers \_\_\_\_\_

**Retention**

- 1. Monitoring attendance:
  - a. weekly \_\_\_\_\_
  - b. Monthly \_\_\_\_\_
  - c. Yearly \_\_\_\_\_
- 2. Minimum percentage of the attendance to be covered by the student \_\_\_\_\_
- 3. How the teachers encourage students to have regular presence in the school/class?

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- 4. Provision of some token awards, grades or incentives, if possible for better attendance. If any

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- 5. Is there any provision of appreciation publicly for the students having good academic/attendance records? If yes  
How

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- 6. Is there any activity for parents to encourage their child to go to school regularly? If yes

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- 7. Retention drives to put regular pressure on parents and the school system to ensure retention of girls

- a. Monthly \_\_\_\_\_
- b. In every 3 months \_\_\_\_\_
- c. In every 6 months \_\_\_\_\_
- d. Yearly \_\_\_\_\_
- e. \_\_\_\_\_

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- 8. How many students in the school are getting scholarships?

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Receiving scholarship from Central government scheme \_\_\_\_\_  
Receiving scholarship from state government scheme \_\_\_\_\_

**Achievement**

1. Does the school provide special coaching classes/remedial classes especially for educationally backward minority girls and the children who are not doing academically well? If yes  
For:  
a. \_\_\_\_\_  
b. \_\_\_\_\_  
c. \_\_\_\_\_

**Out of School Children**

Does the school has any programme/scheme for out of School Children? If yes  
Mention the name of programme and duration

\_\_\_\_\_

Do you think that RMSA is helping for the infrastructural Development of the School?

\_\_\_\_\_  
\_\_\_\_\_

Problems in implementation of RMSA (Samagraha Siksha Abhiyan).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Activities for identification of out of School Children.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Questionnaire for the Teachers

### **Development and Improvement of Secondary Education under Centrally Sponsored Scheme Samagra Siksha Abhiyan**

Rashtriya Madhyamik Shiksha Abhiyan (RMSA) of Samagraha Siksha Abhiyan in the State of Sikkim-An Evaluative Study

**Please fill in the following information:**

Name: .....

School Name: .....

Qualification: .....

District: ..... Block: .....

Gender: Male: ..... Female: .....

Locality: Rural/Urban: .....

### **ETHICAL CONSIDERATION**

6. Researcher will secure right to maintain privacy of participants, guaranteed anonymity, guaranteed confidentiality and avoiding harm, betrayal or deception.
7. No distinction will made on the grounds of age, cast, colour, religion, race, political belief, living style etc. unless the nature of the work warrants so.
8. The participant of research will allowed agreeing or refusing to participate in the light of comprehensive information concerning the nature and purpose of the research.
9. Researcher will provide dependable database, helpful in planning and execution of reforms: so that quality of schools may improve.
10. The result will not report as the final voice.
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### Contact Detail of Researcher

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**Research Scholar,**

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**Phone: 9064890943/9609856207**

**1. Have you gone through in-service teachers training courses/programme? Any.**

**If Yes, details**

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**2. Does the in-service training of teachers helpful in your teaching strategy/career. How?**

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**3. Do you have residential facilities in school?**

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**4. Have you attended any Adolescent Education Programme? If Yes, give detail**

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**5. Are you satisfy with the in-service teacher-training programme? Yes \_\_\_\_\_ No. \_\_\_\_\_**

If No, give suggestions.

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**6. Do you think that the Academic Achievement of the students is improving, compare?**

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**7. What are the reason for academic achievement of the students?**

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**8. Activities for identification of out of School Children.**

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**9. What are the reasons behind the dropout of the students? As per your views**

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## **Questionnaire for teacher (Interview)**

### **Access**

Facilities for differently abled children

Are you satisfied with the infrastructural facilities in the school?

Do you have teaching aids? What are they? Are you comfortable using it. How.

What do you do for quality of teaching and learning?

Reason behind dropout

### **Access**

#### **For science teachers**

Infrastructure for science lab

Lab equipment

#### **General question**

Girl's activity room

Classroom size

Toilet and drinking water facility

Staff room with sufficient furniture

### **Quality**

Study tours and excursion

Encouragement to sports, cultural activities and projects to students

Support from parents and society

Are you satisfied with your job?

### **Health and physical education**

Art Education and Crafts (trained personnel/teachers) to impart skills and knowledge

Yoga and physical education (minimum outdoor and indoor facilities)

Progress and achievements in yoga and physical education

Resource support in the form of special educators

Have you ever organized Craft Mela for the craft prepared by the students? When.



Are you satisfied with the student's assessment system (examination and marks system) of the schools?

Do you think that there is a need of reforms in Students Assessment (examination and marks) system?

Do you think that the present systems of students assessment helping in the quality interventions of the students.

Things to do for the quality education?

Do you think that Samagra Siksha Abhiyan is helping in the quality education as well as for the equality and equity of education?

## **Equity**

Facilities for girl students and SC/ST/OBC students.

Education for children with special needs

Out of school children

## **Questionnaire for the students (for Interview)**

1. I am comfortable with the size of my classroom
2. I am comfortable with the desk-bench that has provided in the classroom
3. Lab equipment in the school science laboratory are sufficient for me to do any science practical work
4. Toilet facilities that has been provided in the school is sufficient for the students
5. Adequate drinking water facilities is provided in the school
6. Computer facilities provided in the school is beneficial for me
7. Distance of the school from home.
8. Have you ever participated in Guidance and counselling programme in school.
9. Does the guidance and counselling programme make any changes in your life?
10. Do you wish to attend some more guidance and counselling programme.
11. Do you avail hostel facilities in the school?
12. Are you comfortable with the hostel facilities provided in the school?
13. Are you getting scholarships from the government?
14. Is it sufficient for your education expenses?
15. Is there any disable friendly activities in the school? What are they?
16. What may be the reason for the dropout of the friends?