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## Study of sports Facilities of Secondary Schools of Butwal sub - Metropolitan City of Nepal

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### Abstract

The purpose of this study was to find out the sports facility, preparedness of sports activities and perception of professional planning development for sports person. There are 95 Schools in the Butwal Sub-Metropolitan city. Naharpur Secondary school and Butwal Glory English Boarding Secondary School were selected randomly for the Case study of Sports facilities. Private schools have found less land occupancy and Public schools is having comparatively more land for sports activities. In terms of perception both schools believed the sports should be developed properly, 81 percent viewed sports could be developed as a career for the students. Both the school do not have facilities to motivate students in water-related sports, these should be developed properly even in a joint venture between schools and the local government since the quality of the school depends on the leadership of the local government.

Keywords: Sports facilities, Motivation, Students, Plan and development.

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### Introduction

According to the latest administrative division of Nepal, Butwal Sub-Metropolitan is one of the 16 local levels of the Rupandehi district of Lumbini province of Nepal. Butwal sub-metropolitan city geographically it is situated from 83°21'39.2" to 83°30'2.54" east longitude and from 27°36'55.7" to 27°44'55.10" Spreading up to northern latitudes. It is located in the lowland to the mountainous region with scenic natural formations at an altitude of 115 meters to 1058 meters above sea level with an area of 103.77 square km' (BSMPC, 2076). 'According to the profile there are 22 Secondary schools, 3 Madrasa, 1 Gurukul and 12 Basic schools up to 8<sup>th</sup> grade run by the public (government) and 57 Private schools all together 95 educational Institutes in the Sub-Metropolitan city' (BSMPC, 2076).



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The physical facilities in the field of sports particularly in the schools have tremendous effect on motivating students in the sports since schools are regarded the sports activities as co-curricular activities. 'Most contemporary theorists agree on the important assumption that motivation is not an entity, but a process. To understand motivation, we must make an attempt to understand the process of motivation and the constructs that drive the process' (Roberts, G. C., Treasure, D. C., & Conroy, D. E., 2007).

There are 11292 girls and 11547 boys were studying in public schools. Likewise 15663 girls and 21,571 boys were studying in private schools, there are known as institutional schools. All together 60,073 students were studying in the Sub-metropolitan city of Butwal (BSMPC, 2076). School facilities encourage to the students to hunt their talent, if any student is interested in summing, if the facility available, definitely they will have the opportunity to gain skill and knowledge on it. The study of sports facility will encourage the schools to prepare the sports facilities.

Butwal Sub-Metropolitan city have 26 sports grounds altogether and 61 youth clubs most of them are sports clubs, the grounds are holding large piece of land up to 5 big has and some are small, there is ANFA sports ground as well, most of these grounds are underdeveloped some are semi developed, need to work in this grounds. Sports administration is well structured in the school system by establishing a sports department headed by the sports teacher. The students and teachers are also divided into houses and they have 4 houses in the school. The school organizes different sports activities for the inter-house competition and selected the best sports team of the school. The schools were participated in a district-level running shield competition. In the indoor game, chase, and table tennis were found more attractive to the students, especially to the students of private schools, and volleyball in the public school. 63.3 viewed a lack of adequate sports facilities in the school.

The schools need to prepare a sports development strategic plan with an action plan with a financing mechanism. Schools should have a close link with LGs. Coach Preparation training should be conducted regularly in different fields of sports. Gymnastic sports should be implemented in all schools and they should be trained properly from the early grades. School should prepare adequate sports facilities in order to develop the all-round personality of the students.



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## Methodology

The study designed to identify the actual situation of sports facilities in the school system of Butwal Sub-metropolitan city. The case was randomly selected from the establishments schools, each one from public and private schools, there were 2 head teachers, 4 sports teachers and 16 teachers randomly selected from the two different schools of Butwal. It makes all together 2 schools and 22 respondents.

### .Study Methodology

- Literature review: Schools programs on sports development.
- Observation of the sports

### Random sam- pling

- 1 school from each group public and private was randomly selected
- 1 head teacher and 10 teachers were randomly

### Butwal Sub- Metropolitan city

- 95 schools, 26 sports grounds, 61 youth clubs in the selected area.

Study methodology is elaborated a bit as given in the research design char- above.

**Literature review.** This study focused on the sports programs of the schools and the decision process

**Observation.** Researcher observed in terms of physical facilities available to encourage students to take part in the physical activities, such as football ground, basketball, badminton, table tennis, cricket, long tennis and other indoor games such as chess, squash and so on. The observation identifies the available sports facilities in the schools. Observation check list was developed by the researcher.

**Interviews.** Interviews were conducted to the teachers and Headmaster/ Principal of the sampled schools for the study. The interview will be conducted on the basis of the pre-prepared questionnaires. The questionnaire were piloted with some other teachers for the clarity identification of the questions and these were refined as required to make it clear to draw the information from the interviewee as intended in the objectives.



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## Result and Discussion

**Educational System of Nepal:** Basically there are three educational tire in school system, those are preprimary level- 3 years to 5 years of age, basic level grade 1-8 and Grade 9-12 Secondary level of education. The students are graduated from the school level of education at the age of 18. These three sectors also further divided as ‘School education includes primary level of grades 1-5, lower secondary and secondary levels of grades 6-8 and 9-10 respectively. Pre-primary level of education is available in some areas. Six years old is the prescribed age for admission into grade one. The Secondary Education Examination (SEE) is conducted at the end of grade 10. Grades 11 and 12 are also considered as Secondary level. Higher Secondary Education Board (HSEB) supervises higher secondary schools’ now it is known as National Examination Board (K12 academics, 2022). Public and private both sectors are involved in investment on education but the controlling body is the Ministry of education, government of Nepal. All rules and regulations should be followed by the private sector.

Most of the schools objective found all-round development of the students, it should be understood as All-round development objective should understood as ‘the holistic growth as well as to develop the various facets of personality development of children; classroom teaching should be supplemented with co-curricular activities. These out of class activities affect all domains of life such as cognitive (intellectual), emotional, social, moral, cultural and aesthetic. Competitiveness, excellence, quality achievements, creativeness and enthusiasm are few of the ethics of extra-curricular activities and also strengthen the meaning of co-curricular activities in school’ (GMSS, 2016).

**Sports Management.** Sports management in the school system boost the sports in the national level. ‘It can employ thousands and sustain the livelihood of millions across the globe. To successfully accomplish this, sports have to be managed. Throughout the Asian continent, various bodies manage sporting activities’ (Suntharalingam Thanuraj & Sellathurai Jeganenthiran, 2018) in the different countries of Asia.

## Study of the Butwal Glory English Boarding School

**General introduction of the school:** The school was established on 2052 under company act of Nepal, and the school is situated in Balbas of Butwal Sub-metropolitan city.



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The school was established with the objective of providing quality and competitive education with all-round personality development of the students' (GBES, 2052 B.S.)

**School Management Approach and students:** The school is run from pre- Primary to Higher secondary, it means preprimary to Grade 1 to 12. The following data excluded from preprimary students since they have separate wing. The age range is from 6 years to 18 years. The beauty of the school is every part has its own wing such as primary level 1-5, different wing, 6 -8 different wings, and 9-12 different wing. So it makes easier to handle the classes and duty of the teachers are also separated accordingly. Wings head have to the responsibility to manage their wing. There are 55 teachers working in the school an 25 more supporter including school bus drivers.

Table 1. *Students data grade 1 to 12 of BGEBS*

Girls	Boys	Total
656	550	1206

The objective of the school has been materialized in most of the aspects. The schools should have infrastructure for the extracurricular/ co-curricular activities. Among other facilities sports facility helps in the development motor ability as well.

**Schools program in sports development:** As per the record books of the program and calendar of the school, every year they have sports day and the days are celebrated with parents and students by conducting different competitions such as volleyball, football, badminton, table tennis and athletics. These events of the school.

**Cricket practice Area development:** The school has a plan to develop cricket practice area in the school. Students a have started cricket practice by making a cricket school cricket club.

**Swimming pool:** They have planned to construct a swimming pool, in near future it will be constructed.

### **Outcome of Observation. Butwal Glory English Boarding School**

**Sports ground:** They have 4 Katha of land area of the sports ground, the area of the land is 1693 square meter, Which is not a big plot though it has accommodated some of the sports activities such as volleyball, basketball, students play half football as well during their leisure time. They have a common hall where they have kept the table tennis boards, and badminton as well.



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The hall being used as common hall for other activities also. This is also known as multipurpose hall. For full-fledged practice of football and athletics, they are using the sports ground of Sainik clubs ground has been using.

**Schools program in sports development:** As per the record books of the program and calendar of the school, every year they have sports day and the days are celebrated with parents and students by conducting different competitions such as volleyball, football, badminton, table tennis and athletics. These events of the school. Students a have started cricket practice by making a cricket school cricket club.

**Coaches:** Physical and sports teachers appointed as regular teachers and they are facilitating the sports, and guiding the students in their expertise area and other sector where they cannot coach for the special team are asked support from the sporting clubs. They come and coach.

**Store room:** They have store room to collect and provide equipment to the students, there are 5 unused foot balls and used 7, unused volleyballs -3 and used 5, cricket bats: Used 8 and unused 5, badminton rackets used-10, under repair 6 unused 5 sets, table tennis bats: Used 20 and unused 10 (GEBS, 2022).

**Sports jersey:** Most of the players have their own jersey written their name and No's also specially for foot balers; they have team in the school. Likewise with the volleyball and athletics, who are trained and prepared a school team.

**First Aid Box:** They have properly managed first aid box in the store room, the medicine and bandages are updated regularly. It is being easy for them since they have appointed a nurse to check up the preprimary kids and others with special room separated for the medical section, so that in emergency the students will have attention by the medical professionals.

**Internal game store section:** There is section for the internal game in the store room it has used carom board- with its playing sets -8, chess board with its sets-10, Luda set-5.



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### **Indoor games in the school**

**Chess:** The students from both gender are attracted in the game, it is also run inter-house championship program. The game is popular among the students.

**Carom Game:** Carom board game is also popular among the students of the school, mostly basic level of students find interesting to play the game. They have also made a club of Carom board playing club. They also organize championship program in the game. Leisure time they play the game. They have some rules of the game, 4 people can play in a board.

**Taekwondo:** The schools have taekwondo practice to the students of interest. The students also conduct competition inter house competitions regularly at least once in a year especially in the sports competition week, but the practice inter school championship also conducted like other sports. As per the record of the sports department participants in the sports are 55 from all faculties.

**Table Tennis:** During the observation this was found popular among the girls and equally in the boys. The boards are kept in the hall and the students were playing.

### **Major findings of the observation**

#### **Strength of the School in sports facility and development:**

**Sports ground:** This ground facilitate to practice certain games, Volleyball, Half football.

**Covered hall:** This is multipurpose type of hall, school has utilized it fully for the indoor sports including, Table tennis, Badminton, Table tennis, Taekwondo.

**Sports calendar:** It is attached in the regular school calendar. Parents are well informed about the school.

**Coaching:** Special Coach arranged for the special games, football, taekwondo and others.

**Sport Department:** It is established and headed by the sports teacher.



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**Areas to improve.**

**SDP:** Sports development plan is not properly developed and its financing strategy is not clear.

**Water Sports:** Water related sports are not introduced such as swimming pool; Olympic standard swimming pool with proper coach should be employed, it could be made in collaboration even with other sporting clubs. The water related sports will be liked by the students if there are facilities to be trained.

**Cricket:** The sport has been famous in Nepal, students' attraction is increasing specially in Rupandehi districts, it should be made available in the school, and at least, school should have developed practice area with the construction of practice net.

**Sport coaches' preparation:** Interested teacher who have sports skill should be encouraged to be a coach, they should be sent in sports coaching practices.

**Link in between LGs and School:** Local government and the school should have close tie-up in the sports development.

**Realization of schools on sports as a Career:** School has not yet realized properly, sports could be carrier of the students, and they could excel in the area of interest.

**Observation outcome of Naharpur Higher Secondary School**

This is a public secondary school Situated in Ward No 11 of Butwal Sub-Metro Politan city. The school has 42 classrooms in five different buildings. There are 630 Boys and 768 girls studying in the school (SS, 2022). They have sports ground to conduct football ground as required to maintain international standard. Total land for the sports ground is two Bigha. The school has two halls for facilitating indoor sports and other programs.

**Outcomes of observation on Sports facilities**

**Sports Infrastructures and Sports filed:** It is in 2 Bigha, which is equivalent to 54,000 Square ft. The ground is enough to organize different sports, the football ground, covered hall, cricket practice area and could be built in this ground.





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## Outcomes of observation on Sports facility

**Sports Infrastructures and Sports filed:** It is in 2 Bigha, which is equivalent to 54,000 Square ft. The ground is enough to organize different sports, the football ground, covered hall, cricket practice area and could be built in this ground.

### Sports in the School

**Volley ball.** This is a popular game in the school, the students have been playing inter house competition and district level competition also. The Sports teacher is appointed and handling the management of the sports.

**Football:** During observation period, the student's also playing football after the school. School has not developed the ground to the level of standard, even though they are using it to conduct different sports activities, football is one of them.

**Athletics:** The school has managed to prepare houses in the school, inter-house athletic competition is conducted every year and the best athletes are sent to compete interschool competition in the district level.

**Cricket:** Student has opportunity to practice cricket, in one of the corner the students were practicing cricket, but there were no proper coaches in the school. It should have given priority in the school.

**Javelin throw:** The students are not found regular practice but it is also given chance once in a year to the interested students, these are trained nearer to the competition by the sports teacher.

**Basket Ball:** Basketball is getting popular among the students and the school has prepared a basketball court. During the study period was in monsoon season, this is also known as rainy season, in this season almost all outdoor games are almost stand still.

### Indoor Games

**Chess:** It is popular among the students, the school also organizes inter house chess championships program, every year.

**Badminton:** This is also popular but the common hall is not so suitable to play the game since there were many other programs.



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### Indoor Games

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**Badminton:** This is also popular but the common hall is not so suitable to play the game since there were many other programs.

Though they have made court in the ground to play and practice badminton in the open ground.

**Table tennis:** They have -table tennis board and playing table tennis in the hall. This is also inter-house competition.



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**Observation of Store room:**

**Storeroom in charge:** Sports teacher is the in-charge of the store room, but it is under the Account department of the school.

**Storeroom space:** It was not measured but found bit spacious- the size is approximately 15 x 20 feet.

**Furniture and record book:** Table and chair in front of the store room and well maintained

record book outgoing and incoming sports item. House captain or club captains are responsible to take the sports equipment out of the store but they have to sign it, with the date and signature.

Equipment in the storeroom	Used	New	Remarks
Football	5	2	
Volley ball	4	4	
Volleyball Net	2	1	
Cricket bat	6	4	
Cricket ball	10	5	
Table tennis Board	2	1	
Table tennis bats- Pair	8	4	
Table tennis nets	4	2	
Javelin	5	3	
Jerseys	18	5	School jerseys*
Discuss	3	2	
First aid box (Bandages, Pain-killer, Dettol Medical knife and Gloves)	3	1	Basic requirements in the box.

Note. \*= Jerseys and Sports T-shirts and football boots is the individual responsibility of the students since all them should have school T-shirts with the Logo of the school. School also has some for the emergency.

**Sports management practice in the school**

**Sports In-charge:** The sports in-charge has the responsibility to organize sports events, training and supporting to the coaches.

**Houses division:** Students are divided in 4 houses and the teachers also, when the students have to prepare student for the certain event, the teachers of the house also are responsible to mentor and coach the students, normally school have inter house competition every year.



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**Major findings of the observation**

**Sports ground:** This ground facilitate to practice certain games, volley ball, football and others. They have 54000 ft. square sport ground could be developed a beautiful stadium and covered halls to develop sports.

**Coaching of Sports:** Teachers are encouraged to be the part of the students coaching and motivation in the sports.

**Multipurpose hall:** This is multipurpose type of hall, school has utilized it fully for the indoor sports including, Table tennis, Badminton, Table tennis, Taekwondo.

**Sports department:** It is established and headed by the sports teacher and well-structured sport administrative approach.

**Areas to Improve**

**Sports development plan:** it is seriously lacking in the school even though they have ample opportunity to develop,

**Boxing:** The game of boxing is missing in the school, it should be introduced, since it could be their strength.

**Water related sports:** It is not introduced such as swimming pool; Olympic standard swimming pool with proper coach should be employed, it could be made in collaboration even with other sporting clubs.

**Cricket:** The sport has been famous in Nepal, students' attraction is increasing specially in Rupandehi districts, it should be made available in the school, and at least, school should have developed practice area with the construction of practice net.

**Coach development:** Interested teacher who have sports skill should be encouraged to be a coach, they should be send in sports coaching practice

**Networking:** Local government and the school should have close tie-up in the sports development. Looking for sponsors to finance certain game infrastructure development and training.

**Realization:** School has not yet realized sports could be carrier of the students, and they could excel in the area of interest. They could be proud of the nation. If they realize it internally then they can prepare the students in the field of sports and find the ways to invest in the sports development.



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**Statistical analysis on the objective**

‘Identify the perception on sports planning, development and activities helps to produce professional / carrier oriented sports person’. To check there were 5 questions in objective form. The analysis of these questions are given below with the section A and B. Section A is dedicated with personal questions, the name was not made compulsory. B is dedicated to identify the outcome of the objective.

**A. Demographic analysis**

**Gender analysis of the respondents of the teacher from both the school**

Gender	No	Percent	During the questionnaire distribution male and female ratio did not considered in randomly 68.18 Percent male and 31.82 percent female teachers were selected.
Male	15	68.18	
Female	7	31.82	
Total	22	100	

**Teachers, Sports, None sports and Head teachers analysis**

Respondents	No	Percent	72.7 percent general teacher, 18.2 sports teacher, 9.1 percent head teachers were distributed the questionnaire and returned back the same no.
Sports teacher	4	18.18	
Teachers	16	72.72	
Head teachers	2	9.1	
Total	22	100	

**Number of Participants to the interview from the school**

Schools	No	Percent	Outcomes
Public- Naharpur SS	11	50	All together 22 participants took part to their understanding, since it was given choice to be a part of the study.
Private- Butwal Glory SS	11	50	
Total	22	100	



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**B. Outcome of the Analysis**

1. Do you think sports facility helps students to find out their talent in the field of Sports?			
Views	No	Percent	Outcomes
Yes	17	77.30	77.3 respondents think sports facility helps to explore their talent in the field of sports and 22.7 percent said No, it does not help.
No	5	22.70	
Total	22	100	
2. Do you find adequate sports facility in your school?			
Views	No	Percent	Outcomes
Yes	8	36.40	Only 36.4 have seen adequate sports facility in their schools at the same time 63.6 percent viewed, sports facilities are not adequate.
No	14	63.60	
Total	22	100	
3. Do you think: Sports could be a career of the students?			
Views	No	Percent	Outcomes
Yes	17	77.30	Seventy seven point three (77.3) percent viewed that sports could be a career in the life of students and another 22.7 percent did not view the same way.
No	5	22.70	
Total	22	100	
4. Sports also help in education of the students.			
Views	No	Percent	Outcomes
Yes	18	81.80	Eighty one point eight (81.8) percent perceived the sport is helpful in education and 18.2 percent said it do not help in education.
No	4	18.20	
Total	22	100	
5. Is there any planning to develop sports facilities in your school?			
Views	No	Percent	Outcomes
Yes	17	77.30	77.3 percent said there is a plan to develop sports facilities in the school and 22.7 percent did not know.
No	5	22.70	
Total	22	100	
7. Do you believe sports planning, development of sports activities helps to produce professional / carrier oriented sports person.			
Views	No	Percent	Outcomes
Yes I believe	18	81.80	81.8 percent believe that planning, development of sport activities helps to produce professional career oriented sports person. Only 18.2 percent did not believe it.
I do not believe	4	18.20	
Total	22	100	



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**Major Findings of the questionnaire.** The perception of the teachers and head teachers found excellent. They believe the sports facilities helps to develop professional sports person, in the statement 81.8 percent believed on it like wise teachers are aware of the requirements of physical facilities on sports. 77.3 percent of teachers knew on sports development program of the school. Now the 77 percent teachers have viewed there is a career in the sports filed and they could be profession sports man if there is opportunity. Without proper opportunity talents would be suppressed. Local Government should play a role to develop school sports activities and infrastructures, the school should combine together to develop sports infrastructures.

**Conclusion and Recommendations for the development of sports in the School.**

Both the sector public and private school should be prepared sports development strategic plans these should be made shorter and long term with the proper action plan and finance mechanism. Private schools that are nearby need to combine effort for developing water related sports as well introducing new sports such as archery, squash, rugby, horse riding and many more. The investment should be made jointly in the municipalities so that the students have place to practice which is not available in the school grounds. The study found out that there was not so much differences in between private and public schools in terms sports activities. Therefore local government should encourage to private school to invest in sports activities by providing matching grants. Sports coach should be employed in the schools and Ministry of education should be responsible to provide funds for the development of sports in the school system. The teachers should be encouraged to be a sports coach of the school and training of coaches should be conducted. Proper Covered hall for the sports practice should be built in the school system. So that most of the indoor games could be practiced, and the quash room, gymnastic facilities need to be established .Students should have a sport coach in the area of their interest.



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