

**PART I : Details of Your School**

1	Name of School: La Salle Secondary School. Kota Kinabalu. Sabah. Malaysia
2	Full address : P.O. Box 10282. 88803 Kota Kinabalu. Sabah. Malaysia
3	Post code: 88803 Kota Kinabalu. Sabah
4	Country : Malaysia
5	Telephone No: +6088-224326
6	Fax No. +6088268687
7	Name of School Principal : Mdm. Julia Willie Jock.
8	Name of Teacher Coordinator: Mdm Goh Siew Goik
9	Email address: gohsiewgoik@hotmail.com
10	School website: www.lasalle.edu.my
11	Education level : Secondary school (Form 1 to Form 6)
12	No. of teachers : 70
13	No. of students : 1275
14	<p>Names of teachers and students who were/are involved in the planning and implementation of this school programme on Value Education.</p> <p><b>Teachers:</b></p> <ul style="list-style-type: none"><li>(a) Goh Siew Goik</li><li>(b) Lily Wong</li><li>(c) Norasnidah Muhammad</li><li>(d) Nur Afizan bt. Shaari</li><li>(e) Chong Siaw han</li><li>(f) Veronica Somasundram</li></ul> <p><b>Students:</b></p> <ul style="list-style-type: none"><li>(a) Jude Masantul</li><li>(b) Mohd. Yasid</li><li>(c) Royeron Lakanting</li><li>(d) Jall Edelson</li><li>(e) Habel Madi</li><li>(f) Joel Jiloh</li><li>(g) Mohd. Ashqameel</li></ul>

## **PART II**

### **1. Title of the School Programme**

**The La Salle Mud Balls Love our Drains Programme**

### **2. Summary of the Programme ( Project Overview)**

The ‘Love our Drains through Mud balls’ project first started in 2010 under the umbrella programme ‘WE CARE’ and we believe that ‘Every Lasallian Matters’. From there we expanded our scope to cover love and appreciation as well as responsibility towards the environment. This is in line with the ‘LEAPS’ Principle that we adopt in our co-curricular activities. Here, we emphasize on Leadership, Enrichment, Achievement, Participation and Service. Thus students are encouraged to take up leadership roles in environmental issues and participate actively in projects for self-enrichment and be of service to the community. The school also aspires to nurture each student to achieve his fullest potential as documented in the school mission and acquire core values such as faith, service and community. In our 2<sup>nd</sup> and 5<sup>th</sup> strategic thrust, we aim to produce all-round students who are able to take up the challenges and responsibilities for the care and enhancement of the environment.

The programme took off with the cooperation and support of our Smart-Partners such as the ex-students and Shangrila’s Tanjung Aru Resort (STAR). With the expertise and financial support in the form of sponsorship of raw materials from our partners in education coupled with our very own asset, that is, strong and active male students that are ever-ready for hands-on activities, the programme was launched in 2010 and continues till the present moment.

Mud balls contains effective microbes that helps rehabilitate dirty and foul smelling drains by reacting with the sludge and ammonia produced by the undesirable microbes in polluted drains and rivers. The objective of this project is to inculcate noble values such as love and compassion for the environment and to take up responsible roles in community. By making mud balls and tossing them into the drains, we hope to instill love and care for the drains instead of viewing it as a channel for waste water and a huge and convenient garbage dump!

Our modus operandi started from the school. A briefing on the benefits of using mud balls will be conducted followed by hands-on mud balls making activity involving the whole school. From there mud balls making will be incorporated into the teaching and learning activities across the curriculum providing opportunities for student- based activities outside the classroom. Students not only acquire knowledge but values such as love and responsibility for Mother Earth are also inculcated into the minds and hearts of youths that will be the future leaders of tomorrow.

From the publicity created by tossing mud balls into the drains around the school, we attracted the attention of prominent organizations such as the Kota Kinabalu City Hall (DBKK) and collaborated with them in helping to rehabilitate more polluted drains and rivers around the town of Tanjung Aru which was declared a Litter-Free Town in 2011 and is presently being up-graded.

The students started teaching the public how to make mud-balls at exhibitions organized by the Department of Education and more schools get to know about mud balls and their benefits to the environment. As a result La Salle won the award for having the most Environmental Awareness Activities in 2010. The students also won the Youth Environmental Award in 2011 in conjunction with World Children’s Day.

Currently, the students are actively involved in the ‘Love our Drains and Beaches Programme organized by City Hall and other Out-Reach programmes where we make and toss mud balls and rice-rinsed water into the foul-smelling drains on a scheduled regular basis. We are also equipped with the expertise and resources to teach anyone who is interested to make mud balls. Through these activities Lasallians learn to appreciate, love, care and make a difference to the environment,

### 3. Background information or reasons why the school created this programme.

We often hear over the mass media regarding campaigns on ‘ Save our Earth’, ‘Love our Rivers’ and all the ‘Go Green’ programmes. Most of our students are from the low cost housing area around the school and the water village, where the sea and surrounding drains are considered natural garbage bins! Thus, it is essential to educate the young on environmental issues and their role in making our Earth a better place to live in. There is an urgent need to inculcate a sense of responsibility and love for the environment, especially the surrounding drains in the minds of the young students who will be the future leaders of tomorrow.

La Salle is situated in Tanjung Aru and is of walking distance to the famous Tanjung Aru Beach. Tourist and pedestrians often complain about the stench from the surrounding drains, therefore this area is definitely an ideal place to start working on. Moreover, Tanjung Aru has been declared a ‘Litter-free town’ in 2010, thus helping to create awareness among the local community that the cleanliness of the monsoon drains is their responsibility is essential and timely.

In addition, the majority of La Salle boys are hyperactive and full of energy but with a short concentration span, thus teaching beyond the classroom is ideal, especially when the subject on Environment is part of the syllabus in almost all the subjects learned in school. It spans across the school curriculum. In a nutshell, it is desirable to make teaching up-to-date and to incorporate theory learned in the classroom with practical and hands-on activities outside.

Finally, our principal, Ms Julia Willie Jock is very supportive and proactive when it comes to environmental programmes to create more awareness among the youths, teachers and the local community, a majority of whom are of the lower income group.

### 4. School vision, mission and core values

**School Vision:** La Salle, a School of Distinction

**School Mission:** To nurture each Lasallian to achieve his fullest potential.

**Core Values:** Faith, Service and Community.

**Strategic Thrusts:** The 2<sup>nd</sup> and 5<sup>th</sup> Strategic Thrust are to provide a distinctive holistic education programme and to take responsibility for the care and enhancement of the environment.

### 5. Objectives /goals of the programme

1 In line with our school vision, mission and strategic thrusts whereby La Salle aspires to be a school of distinction in nurturing each and every Lasallian to achieve his fullest potential by providing a distinctive holistic education programme to produce students who are able to appreciate nature and take responsibility of the environment.

2 In line with the school’s ‘LEAPS’ Principle which emphasizes on **L**eadership, **E**nrichment, **A**chievement, **P**articipation and **S**ervice where all Lasallians are encouraged to take leadership roles in environmental issues and to participate actively in environmental projects as well as be of service to the community with the aim of making our Earth a cleaner and better place to live in.

3. To create awareness among the students, teachers, parents and local community, on the importance of keeping our drains clean as the dirty and polluted drain water will eventually make their way back into our homes if we do not do anything about it. What we do will affect others and what others do will affect us in one way or another, thus we need to do our individual part, however small it may be to make a difference to our environment.

4 To educate others, i.e. demonstrating and teaching others how to make mud balls to rehabilitate polluted, smelly drains via our OUTREACH programme. It provides an opportunity for our students to teach the public and students from other schools how to make mud balls and explain the importance of mud balls in rehabilitation of dirty, smelly drains.

5 This programme also provides a platform for collaboration with our Smart-Partners such as Shangrila’s Tanjung Aru Resort (STAR), Kota Kinabalu City Hall (DBKK), the Association of Ex-Lasallians, teachers, parents and the local communities and then later on with La Salle Zobel, Philippines

and Grubbe High. Umea. Sweden in programmes that is beneficial to all.

6 To make teaching and learning fun with hands-on activities outside the confines of the four walls of the classroom as well as instilling noble values such as love and appreciation as well as a sense of responsibility towards the environment in the minds of our future leaders.

#### **6. Values that the school aims for within the programme and / or definitions**

The aim of this program is to produce individuals who

- 1 appreciate, love and have compassion for the environment, especially to love the rivers, drains ponds and beaches.
- 2 want to do their part, (however small it may be) to make a difference to the environment and to make the Earth that we borrow from our future generations a better place to live.
- 3 are responsible citizens and willing to take that extra mile to make our rivers and drains clean.
- 4 are able to work as a team and co-operate for a noble cause, that is, keeping our drains clean.
- 5 are able to help the local community via our OUT-REACH programme where our students teach others how to make mud balls and able to explain its benefits to the environment.

#### **7. Period of the time when the programme was or has been implemented**

This program was first initiated at the end of 2009 but gathered momentum only in 2010 and is still sustainable and active till now.

#### **8. Activities (Actions and strategies of implementation)**

This project was carried out under our 'umbrella programme, 'We Care' which is the brain child of our excellent principal, Ms Julia Willie Jock since 2009. Here we stressed on love and care for the environment and for mankind. Our modus operandi is as follows:

1. The pioneer group (which consists of about 5-6 Nature Club members) attended a training session on how to make mud balls. The organizers are our Smart-Partners (ex-students or other organizations) that give help in the form of expertise or technical know-how and support certain activities organized by the school.
2. La Salle collaborates with our Smart-Partners for sponsorship of raw materials and provision of expertise to train our students.
3. Next, we have a big scale demonstration and hands-on activity on mud-balls making conducted in the school canteen for all the students. Briefing on the benefits of mud balls to the drains and ponds was done by Mr. Chiam Yau Chung, an ex-student and supplier of effective microbes (EM products). He is an authority to give a brief talk followed by instructions on how to make mud balls. The students were then divided into groups according to their classes to have hands-on experience on mud ball making. We also invited some of the other ex-students and our Smart-Partners as observers. A total of 2,000 mud balls were produced.
4. The mud balls were allowed to ferment and mature. After a week, the mud balls were ready to be tossed into the drains around the school. The school invited some prominent personnel like Datuk Edward Yong, the elected State Assemblyman for Tanjung Aru and the Chinese Capitan of the Tanjung Aru local community to officiate, witness and participate in the mud ball tossing event. In this way we got more press coverage and more people knew about our programme and learnt from it. Other schools and organizations became interested to carry out similar projects on their own. Through publicity more sponsors came forward and some big organizations invited our students to give them a demo on mud balls making and help them in the implementation of their projects. Currently, we are helping DBKK in their 'Love our Beach' programme.
5. After the official launching, the school incorporated the mud ball making activity into the teaching and learning in the classroom across the curriculum which emphasizes on appreciation, love, compassion and care for the environment in Moral Education, Science, Geography and both the English and Malay Language.

6. The focus of the programme is on 3 main areas

- (a) Hands-on activities outside the classroom
  - (b) Making mud balls during co-curricular activities
  - (c) As an OUT-REACH programme to provide a golden opportunity for students to give invaluable service to the community as well as encouraging students to take up leadership roles in environmental issues that is beneficial to all.
- (a) **Hands –on activities outside the classroom**

This activity is popular in the teaching of languages outside the classroom situation. It is particularly apt for language skills like processes and procedures and writing instructions or reports. Here, students as well as teachers get to know about the benefits of mud balls and to do their part in making our drains clean and free from stench.

When students were asked to bring rice-rinsed water from their homes to make the effective microbes activated solution, parents get involved in this project as well. Teaching and learning becomes less monotonous and more fun. The strategy is putting a reliable and dedicated teacher to be in-charge of the mud balls programme and to have a ready supply of raw materials at hand in order to be effective.

(b) **Making mud balls during the school co-curricular activities**

Since the school has compulsory co-curricular activities for clubs and societies as well as uniform bodies every week; 2-3 clubs/societies can combine to make mud balls or to toss them into the drains around the school. First, the teacher advisor will plan the activities together with the committee members and then coordinating with the teacher in charge of this programme. This is an easy and inexpensive way to inculcate good values such as appreciation, love, responsibilities and care for the environment into the minds of our youths at an early stage of their lives and to have more variety of activities for the students. The cost of producing one mud ball is only about 5 sen.

(c) **As an OUT-REACH programme to help other organizations and the local community**

La Salle boys will not hesitate to set up a booth to teach the public how to make mud balls and to explain to them the role of effective microbes in rehabilitating dirty smelly drains. The school had set up mud ball making booths during the exhibition for Anugerah SERASI 2010 (Award for Schools that are Friends of the Environment) in the MUIS Building and also at St. Michael's Secondary School during the Anugerah Sekolah Lestari 2011 (Award for Environmentally Sustainable Schools at national Level). The strategy is to introduce mud balls and its benefits to a large crowd from many different schools and to create awareness among the public. We even gave away all the 200 over mud balls that we made just for demonstration purposes. Students improve in their communicative skills and English proficiency as well as increasing their confidence and leadership skills.

When the Kota Kinabalu City Hall decides to make mud balls to rehabilitate the drains around the Tanjung Aru town which is a litter-free zone, La Salle is the first school that they invite to help in the programme because we have the expertise and manpower and they can find sponsors for the raw materials needed to make the mud balls. Thus the programme can continue and is sustainable even though it is in its fourth year since the official launching in 2010.

The school is also actively involved in teaching others and showing visitors who come to the school for bench-marking visits how to make mud balls and explain the benefits of these 'dirty looking' balls. Lasallians have taught our sister from La schools, Salle Zobel, Philippines and Grubbe High, Umea. Sweden how to make mud balls. We have the materials at hand to make mud balls upon request at any time. It is the policy of the school to inculcate love and appreciation for the environment, responsibility towards the Earth we borrowed from our children, develop leadership roles and be of service to the community in environmental issues. Our strategic thrust is a holistic education and to take responsibility and care for the advancement of the environment and not just to do a 'big bang' project and end there.

## **9 Teaching strategies or pedagogies used for teaching values in the school**

1. Student based activities or hands-on activities.

The subject teacher will prepare the lesson plans and make the necessary arrangements. Students learn by getting personally involved in it and getting their hands dirty. While making the mud balls they will ask a lot of questions regarding the rationale behind such an activity. Students also considered the mud ball tossing activity as fun and when they see the dirty smelly drains, they realized that this problem is a reality and something has to be done before it is too late. Being personally involved in keeping our drains clean will make them think twice about throwing garbage into the drains just for their convenience.

2. Students can make mud balls as part of their course work or project for Moral Education, Science and Biology. They can include the values learnt from this activity in their reflection and evaluation when they write out the report for the activities carried out.

3. Class discussion or in small groups and reflection after the activity is very important to enable students to flash back and ponder over their actions and suggest future plan of action to keep the drains clean.

4. Another strategy is to display photographs of the drains before and after they are treated as well as pictures of the students making and tossing mud balls into the drains on their class notice board to act as a constant reminder. Values can be instilled through constant reminder and repeating the activities after a few months to enable them to see the effects of their effort.

## **10. Programme monitoring and evaluation mechanisms and summary of results**

Programme monitoring and evaluation mechanisms:

1. Through constant observation of the drains around the school in terms of amount of rubbish thrown into the drains, water clarity, amount of aquatic life present and the smell coming out from the drains, we can roughly get an indication of the quality of the drain water before and after the mud balls are tossed into the drains. Students can see it for themselves as the students will walk past the drains on their way to the field for their Physical Education classes. La Salle school consists of two campuses that are 200m apart with both campuses sharing a common field
2. Through questionnaires given to the students and analyzing the results.
3. Feedbacks can be obtained from students during class discussion on the environment. The class teacher will summarize the discussion in the reflection column in their record books.
4. Newspaper reports on the condition of the drains around Tanjung Aru.

### **Summary of results:**

1. Almost all the students have heard of mud balls and its benefits to the environment.
2. Testing the pH of the water and observing the turbidity of the drain water shows that the blackish sludge is significantly reduced and the water is less cloudy and less acidic.
3. Before the mud balls were used for the treatment of the drain water around the Tanjung Aru beach, there were lots of dead fishes floating on the surface of the drains and the stench was unbearable ( June 2013). After 2 months of treatment ( August 2013) with mud balls, the water cleared and aquatic life starts to flourish (photographs included). The smell is also very much reduced.
4. The drains around the school are clean and the water is much clearer with less sludge.
5. The amount of rubbish thrown into the drains is very much reduced because students are aware of their individual responsibilities to make a difference to the environment. Making and tossing mud balls into the drains have created awareness among the students and make them aware of their roles in keeping the drains clean.
6. Teachers are also keen to include mud balls making in their activities for teaching and learning and are very interested to take the mud balls home to treat the drains around their houses.
7. The Kota Kinabalu City Hall has also recorded positive results after using mud balls for the rehabilitation of the drains around Tanjung Aru and is willing to continue sponsoring the raw materials for our programme. We have also received a certificate of appreciation from City Hall (DBKK) for helping them to keep the drains around Tanjung Aru clean (certificate attached).

- 8 Our 'We Care for the drains' programme also enable La Salle to win the SERASI 2010 Award under the category of 'Best Environment Awareness Projects'
- 9 The coordinator of this programme also won the State 'Guru Harapan SERASI 2010' (an award for a teacher that is very actively involved in environmental projects) because the school is actively involved in the mud ball programme.
- 10 One school in Kota Kinabalu was in the Guinness Book of Records for making the most number of mud balls after they learnt how to make mud balls from La Salle's mud balls making demonstration in one of the programmes organized by the Dept. of Education.
11. Another school, S.M.K Limbanak also sent one of their teachers to La Salle to learn how to make mud balls because that school also plan to be in the Guinness Book of Records for making the most mud balls.

### **11 Resources used for programme implementation**

1. **Ingredients for mud balls:**
  - (i) laterite soil or clay ( can get City Hall or the ex-students to send it to the school at zero cost)
  - (ii) rice or wheat bran ( can be purchased at a cost of RM1.00 per kilo or sponsored by DBKK).
  - (iii) Effective Microbes Activated Solution (EMAS) can be made from rice-rinsed water + sugar + a pinch of salt and EM1( sponsored by ex-students).
  - (iv) Spade, shovels and scoops can be obtained from the school gardening shade.
  - (v) Plastic pails and basins can be borrowed from the science laboratory or the teacher may ask the students to bring them from their homes. Students can bring gloves from their homes.
2. Man-power to carry and mix the materials is not a problem since La Salle is an All Boys school with more than a thousand strong and active boys that are ever ready to help.
3. A shed to place the mud balls and left it to ferment for at least a week.
4. A space behind the science laboratory for making Effective Microbes Activated Solution (EMAS) from rice-rinsed water and EM1.

### **12. List of partners, local government bodies, companies or development agencies who have participated in the planning and implementation, including their roles in the activity.**

Names of Partners	Roles or contributions
(a) Chiam Yaw Chung (ex-student of La Salle) of Enviro Syntropy Sdn. Bhd	- advisory, training and sponsor of EM activated solution and materials for mudballs.
(b) Shangrila's Tanjung Aru Resort (STAR)	- La Salle is an adopted school of STAR. - training of trainers.
(c) Kota Kinabalu Municipality Council (DBKK)	- Provide materials for mud balls and help plan and co-ordinate programmes.
(d) Association of Ex-Students of La Salle.	- Contribute raw materials for mud balls.
(e) Capitan of Tanjung Aru and the local community	- planning and giving moral support
(f) Datuk Edward Yong (state assemblyman)	- officiating mud ball tossing activities.

### **13. Benefits/ Impacts/ positive outcomes of the activity/ programme to teachers, students, parents and the community.**

1. Students given more opportunities to enjoy hands-on activities outside the classroom as well as acquire good noble values through mud ball making and tossing them into the drains.
2. Create more awareness among the teachers, students and local community on environmental issues. Before the implementation of this programme, students never thought that the drains are their responsibilities as well and that the water from filthy drains will make their way back to their drinking water if this problem is not addressed immediately.
3. Parents helped by collecting rice-rinsed water for their children to bring to school. Thus, it also creates

awareness among the parents. They can also participate in the training centres for making mud balls.

4. Through this programme, we have more cooperation among the ex-students, Kota Kinabalu City Hall and other schools in the rehabilitation of filthy drains.
5. Values learned through this activity make students refrain from throwing rubbish into the drains.
6. La Salle aspires to teach as many people as possible to make mud balls to improve the water quality and to instill love and responsibility towards the environment, thus we train our boys to show others how to make mud balls. As a result many schools around Kota Kinabalu started making mud balls and adopting rivers and monsoon drains around their school. Example: Kota Kinabalu City Hall, S.M. St. Michael's, S.M. K Limbanak and many others.
7. The school and students also won environmental awards as a result of the mud ball activities. In short, La Salle school acts as a catalyst in inculcating love and care for the environment.

#### **14 Proof of achievement from students, teachers and the community**

1. Results of analysis from questionnaires show that students and teachers are aware of the mud balls making activity in the school and they only hear about mud balls since coming to La Salle. More than 92% of the students indicated that they have more love and compassion for the environment after making and tossing the mud balls into the drains. 92% of the students will reprimand their friends if they throw rubbish into the drains. Almost all the students who have participated in the activity hoped that the school will be given recognition for her effort in this programme to rehabilitate dirty and smelly drains. (Questionnaire and analysis attached)
2. Proof can be obtained from the reports in the newspapers (newspaper reports attached). Due to the publicity on our environmental activities (mud balls) in the newspapers and the websites, La Salle is able to have a collaboration programme with Grubbe High School in Umea. Sweden on 'Sustainable Living'. As a result, five of our teachers including the principal and the programme coordinator went to Grubbe High School. Sweden (sponsored by Sweden) to share best practices in Sustainable Living.
3. Certificate of Appreciation from Kota Kinabalu City Hall in helping them to keep the drains and beaches clean and for contributing to the success of their programme entitle 'Love our Beach'.
4. Students involvement in mud ball making demonstrations at functions organized by the Education Department made many other schools embark on making mud balls on a large scale.
5. Teachers asked for recipes to make mud balls and are willing to purchase it for their drains.
6. The local community is very supportive of the mud ball program and will help to toss the mud balls into the drains around their housing area. The drains around Tanjung Aru is cleaner with less garbage in it. Due to the awareness created by this programme, people are more responsible and show more love for a cleaner and greener environment.

#### **15 Plan for sustainability and plan for the future**

##### **Plan for Sustainability**

This project is sustainable because we have very strong support from our Alumni (Association of Old Boys of La Salle) and the Kota Kinabalu City Hall. City Hall is definitely very interested to see that this programme continues for the next few years because Tanjung Aru was declared a 'Litter Free Town' in 2010 and the drains around this area has to be kept clean and free from foul smell. Moreover, the area around the Tanjung Aru Beach and Beach Hotel is a very popular tourist resort, thus maintaining the cleanliness of the drains is of paramount importance. We are confident that City Hall will continue to be our main sponsor for raw materials as a lot of up-grading has been carried out in this area recently.

Another source of finance is from the BUY-BACK Centre in La Salle, that collects recycled materials from students, teachers and the local community and resells them to the recycling centres. The proceeds from the sale of recycled materials such as used papers, newspapers, cardboard cartons, plastic bottles and aluminium cans will be enough for the purchase of the raw materials needed to make the mud balls.

At the moment, we are giving free mud balls to teachers and the public who are interested to toss the mud balls into the drains around their houses. In future we may be able to sell them at 50 sen each, thus



making a profit of about 45 sen per mud ball.

La Salle also has a good team of proactive and environmentally conscious teachers who are more than willing to incorporate mud balls making in their teaching and learning both in and outside the classrooms, thus this knowledge will be passed on. Another strength is that La Salle is an 'All Boys' school, therefore we have no shortage of manpower to make the mud balls. The boys also love to demonstrate the procedure for making mud balls and to teach students in other schools. In short, our mud ball programme will always be sustainable.

#### **Plan for the future**

La Salle boys had taught our Smart-Partners from Umea, Sweden (a group of Swedish teachers on a Joint Sustainable Living project) how to make mud balls and they were very impressed. With the help of our Smart Partners, an architecture company, SWECO, has promised to sponsor a BUY-Back centre with a shaded activity area for the boys to make mud balls in future. This will help solve our present space constraint for making mud balls. Making mud balls can become a scheduled fortnightly co-curricular activity especially with the Tanjung Aru Eco-Development Project coming up this year.

Apart from making mud balls to be sold to the teachers, parents and local community of Tanjung Aru, La Salle is venturing into the 'Carbon- Offsetting' programme together with our Smart partners from Umea, Sweden. In this programme, La Salle will try to get private companies to buy the carbon-offsets and our La Salle boys will purchase the mangrove saplings from Kota Kinabalu Wetlands and plant them.

We believe that each one of us can make a difference to the environment and we will do our part, however small, to make sure that the Earth that we borrowed from our children will stay green and clean. Let's love and appreciate the beauty of nature, be a responsible citizen and care for Mother Earth.

#### **16 List of attachments such as a copy of the school plan, learning/teaching materials, samples of student worksheet, manual, etc.**

- Attachment (i) (File name) : Additional photographs for La Salle Value Edu Project  
Attachment (ii) (File name) : Examples of Handouts to La Salle students-Mudballs  
Attachment (iii) (File name) : La Salle Mudballs Sample Lesson Plan  
Attachment (iv) (File name) : Newspaper Reports La Salle mudballs Activities I  
Attachment (v) (File name) : Newspaper report on Love our Beaches Project-La Salle 2013  
Attachment (vi) (File name) : Questionnaire -mudballs-LaSalle Kota Kinabalu  
Attachment (vii) (File name) : Coursework for Moral Education- report-LaSalle KK Sabah  
Attachment (viii) (File name) : Mudballs Tossing reports by LaSalle students  
Attachment (xi) (File name) : Mudballs making reports by students of LaSalle Sabah

#### **17 Photos related to the activity /programme.**

Photo 1



Making mud balls in the canteen



Making mud balls during co-curricular activities

Stage 1: Briefing followed by making mud balls on a large scale. The principal was there to give moral support. Students motivated as they knew they are contributing to keep the drains clean.

Photo 2



Stage 2: After one week, the matured mud balls are tossed into the drains around the school by the boys. They can see for themselves the dirty looking drains and smell the stench emitted.

Photo 3:



Stage 3: Adopting other drains around Kota Kinabalu. The boys getting ready to toss mud balls into the drains around the Diamond Restaurant, Luyang, Kota Kinabalu on a regular scheduled basis.

Photo 4



Tossing mud balls into polluted drains



Note the dead fishes in the polluted drains.

Stage 4: Collaboration projects with our Smart-partners, Kota Kinabalu City Hall to rehabilitate the drains around Shangrila's Tanjung Aru Beach Resort. The 'Love our Beach Programme' and 'Tanjung Aru Green and Litter-free programme'.

Photo 5



Stage 5: Out-Reach programmes: Teaching the public and other schools how to make mud balls and explain the benefits of mud balls to others. More people know about rehabilitation of drains.

Photo 6



La Salle boys showing our Swedish partners in education how to make mud balls. Teachers from other schools who are on bench marking visits to the school can also learn how to make mud balls from our La Salle boys. Values such as love and appreciation, team work, care and responsibility for the environment should be instilled into the hearts of all.