

Service Learning Projects

Connecting Service Learning to Curriculum

Project No. 12

1. **Class** 5 - Red
2. **Subject area** Science
3. **Topic** Thalassemia
4. **Name of the project** Awareness about Thalassemia
5. **Name of the teacher / facilitator and School** Nazia Arshad
Sacred Heart Cathedral High School (English Medium), Lawrence Road, Lahore.

6. **Summary of the project**

The project will help students to understand the definition of Thalassemia, its description, types, causes and risk factors of Thalassemia, symptoms of Thalassemia, diagnosis and treatment of Thalassemia. The students will visit doctors in order to obtain latest information about the treatment of Thalassemia.

7. **Objectives of the Project**

The project will spread awareness about Thalassemia to junior level students.

8. **Learning component of the project**

To understand and learn about the types, causes, symptoms and treatment of Thalassemia.

8.1 **Number of hours to be spent on learning by each student**

7 hours

9. **Service component of the project**

- The students will teach junior students about the causes and symptoms of Thalassemia.
- The students will visit Thalassemia patients in hospitals. They will console them and will express their love to them by giving gifts to them.

9.1 **Numbers of hours to be spent on service by each student**

16 hours

10. **Key messages of the project**



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- Thalassemia causes anemia which can be life threatening.
- Be kind to people who are suffering with Thalassemia.
- Paleness, fatigue and shortness of breath are the major symptoms of Thalassemia.
- Thalassemia is not an infectious disease.
- Thalassemia patients need blood transfusion in severe cases.
- Thalassemia patients should regularly visit their doctors.

10. **Outcomes of the project**

The students will understand about the types, causes, symptoms and treatment of Thalassemia and will share this information with other students.

11. **Project cycle**

12.1 **Preparation Stage**

- The students will be divided into 3 groups. Each group will have a group leader.
- The students will be provided awareness about Thalassemia.
- The students will be provided tips about conducting interviews from doctors.
- The students will be told about how to deal with the patients in hospitals.
- The students will be divided into five or six groups for teaching students of lower classes and for visiting hospitals.

12.2 **Action stage**

- Each student will make a speech of 5 minutes on the topic of Thalassemia.
- The students will prepare charts which will display information related to Thalassemia.
- The students will provide information about types, causes, symptoms and treatment of Thalassemia to students of lower classes.
- Each group of students will visit 2 doctors and 2 hospitals.
- Each group of students will write a report about their visit to hospitals and about their teaching experience.

12.3 **Reflection stage**

The students will share the experience of working on the project with the teacher and class fellows.

12.4 **Recognition and celebrations**



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A ceremony will be arranged to celebrate the success of the project. Outstanding students will be awarded with certificates and shields. A Thalassemia Day will be celebrated in the school to make students aware about the types, causes, symptoms and treatments of Thalassemia. Pamphlets containing information related to Thalassemia will be distributed among the students. Charts containing information related to Thalassemia will be displayed on the notice board. The report of the project will be published in the school's magazines.

