



# **NATIONAL PUBLIC SCHOOL**

**Kengeri, Bengaluru**

## **Report on 'Grade 8 'A' Special Assembly'**

### **Topic: "World Blood Donor's Day"**

**"A single pint can save three lives; a single gesture can create a million smiles"**

The students of Grade 8 'A' conducted their virtual class assembly for the academic year, 2021-22, from 14<sup>th</sup> June, 2021 to 18<sup>th</sup> June, 2021.

June 14<sup>th</sup> is observed as 'World Blood Donor's Day' to raise awareness about the urgency of blood donations all over the world and to acknowledge and appreciate blood donors for their support. While about 38% of the population qualifies to donate blood. But less than 10% only donate. It is very important to understand the need of blood donation.

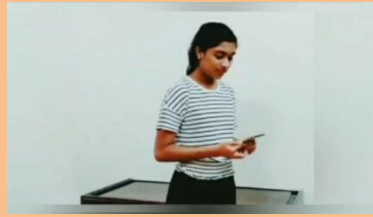
The students made an effort to impart information about blood donation as part of the special assembly, on Friday, 18<sup>th</sup> June, 2021, through a skit by Janardhan S, Madhavan R, Prahaz R Gowda Niharika Bhadrashetty and Shreeya Pradeep, in which it was shown that one can save life by donating the blood. A PPT prepared by Daiwik Prabhakar, Dhruva DK, GS Prajwal Ekshud, Kirti Prakash, Poorvika MY, Varun Potti and Vijay A, covered the following points:

- Blood donation.
- How it all Started.
- Terms and conditions required for blood donation.
- Where blood can be donated.
- Help line numbers.
- Blood donation chart.
- What happens if the blood does not match and is already transferred.
- Myths about blood donation.
- What happens to the donated blood.
- Procedures before and after blood donation.
- Importance of blood donation during covid-19.
- How blood is stored.

A collage work done by Samhitha Vasuman , Bhuvi V Bhat, Manojna C and Sinchana A, showing the pictures related to blood donation emphasized on the importance of blood donation. The students successfully conveyed the message "Give blood and keep the world beating" and created awareness about donating blood.

**"Blood is precious...donate it and make it divine.....Every blood donor is a life savour"**

# Assembly Activity By Grade 8A



Welcome to grade VIII "A" assembly.  
Topic: Blood Donation

### Blood Donation

Blood donation occurs when a person voluntarily has blood drawn and used for transfusions to save the lives of other people.

### Terms & Conditions required for blood donations

- Overall health- The donor must be fit and healthy, and should not be suffering from transmissible diseases.
- Age and weight- The donor must be 18-65 years old and should weigh a minimum of 50 kg.
- Pulse rate- Between 90 and 100 without irregularities
- Hemoglobin level- A minimum of 12.5 g/dL.
- Blood pressure- Diastolic: 90-100 mm Hg, Systolic: 100-180 mm Hg.
- Body temperature- Should be normal, with an oral temperature not exceeding 37.5°C.
- A person can donate blood every 8-12 weeks.

### What happens after I donate blood?

After donating blood to a community, they will break down into three parts: plasma, red blood cells, and platelets. The plasma will be used to make blood products for people who need them. The red blood cells will be used to make blood for people who need it. The platelets will be used to make blood for people who need it.

### Procedures before and after blood donation

- Answer all the questions asked by the doctor with honesty.
- The doctor will check your blood pressure and pulse rate.
- Follow the prescribed method by the doctor.

What does the community do with your blood?

- The community will store the blood.
- They will then transfuse the blood, i.e., they will separate the blood into different parts.

### What happens if the blood donation is not used?

- Hemolytic transfusion reactions can cause the most serious problems for these reactions.
- These reactions can occur when your ABO or Rh blood type do not match the transfused blood.
- If this happens, your immune system attacks the transfused red blood cells. This can be life-threatening.

### Importance of blood donation

In light of social distancing measures, the impact of COVID-19 pandemic on the demand supply chain for blood donation is significant. The community will store the blood. They will then transfuse the blood, i.e., they will separate the blood into different parts.

### BLOOD CAN CIRCULATE FOREVER IF YOU KEEP DONATING IT

