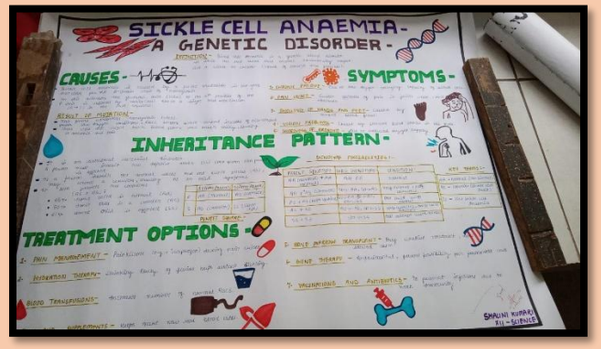
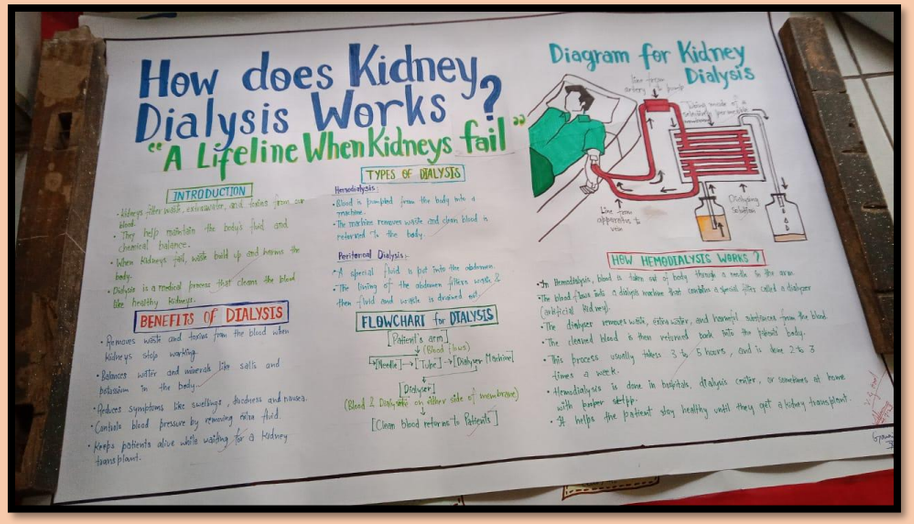
K.D.K.V.M.,RENUKOOT

School Club Activity (2025–26)

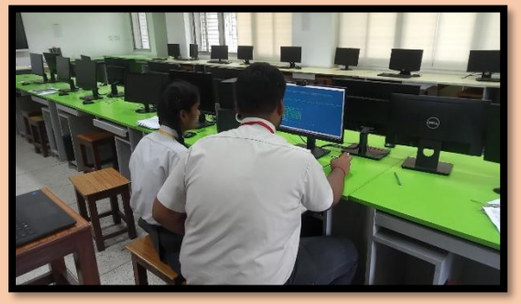
Clubs	Images	
Science Club		

Science Club





Science Club



Science Club

Garden Club

Yoga & Indoor games and sports club

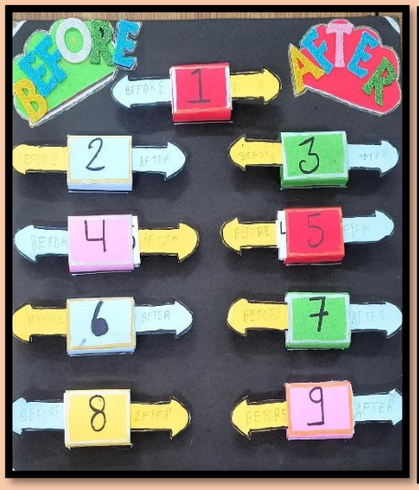
Yoga & Indoor games and sports club

Art-Craft Club

Art-Craft Club

Art-Craft Club

Maths Club



Music & Dance Club

Charity and Socio-Awarenes s Club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Charity and Socio-Awarenes s Club

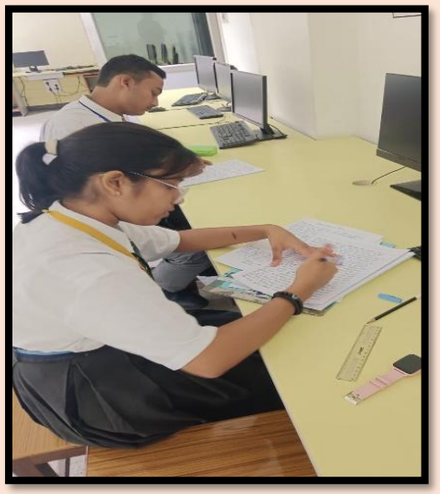
Charity and Socio-Awarenes s Club


K.D.K. VIDYA MANDIR
Renukoot
SOCIAL OUTREACH
PROGRAMME
SWAYAM SEVA SAMARPAN
SANSTHAN

Charity and Socio-Awarenes s Club

Charity and Socio-Awarenes s Club

Literary Club



Science Club


WATER CONSERVATION BY
DRIP

SICKLE CELL ANAEMIA-
A GENETIC DISORDER -

DEFINITION -

CAUSES -

RESULT OF MUTATION -

SYMPTOMS -

1. CHRONIC FATIGUE -
2. PAIN CRISES -
3. SWELLING OF HANDS AND FEET - caused by
4. VISION PROBLEMS -
5. SHORTAGE OF BREATH -

INHERITANCE PATTERN -

PUNNETT SQUARE -

TREATMENT OPTIONS -

1. PAIN MANAGEMENT - Painkillers (eg - ibuprofen) during pain crises
2. HYDRATION THERAPY - drinking plenty of fluids helps reduce chances of sickling
3. BLOOD TRANSFUSIONS -
4. BONE MARROW TRANSPLANT - only curative treatment
5. GENE THERAPY - experimental, future possibility
6. VACCINATIONS AND ANTIBIOTICS - to prevent infections and to

How does Kidney Dialysis Works?

"A Lifeline When Kidneys fail"

INTRODUCTION

- Kidneys filter waste, extra water, and toxins from our blood.
- They help maintain the body's fluid and chemical balance.
- When kidneys fail, waste build up and harms the body.
- Dialysis is a medical process that cleans the blood like healthy kidneys.

BENEFITS OF DIALYSIS

- Removes waste and toxins from the blood when kidneys stop working.
- Balances water and minerals like salts and potassium in the body.
- Reduces symptoms like swellings, tiredness and nausea.
- Controls blood pressure by removing extra fluid.
- Keeps patients alive while waiting for a kidney transplant.

TYPES OF DIALYSIS

Hemodialysis:

- Blood is pumped from the body into a machine.
- The machine removes waste and clean blood is returned to the body.

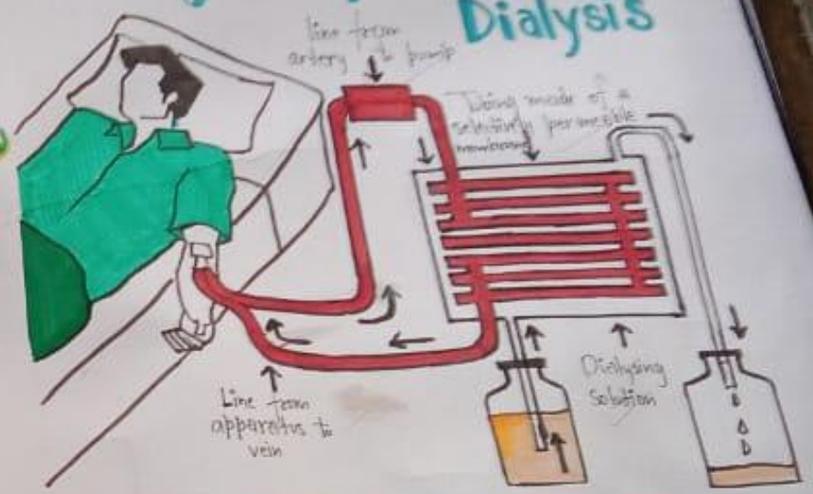
Peritoneal Dialysis:

- A special fluid is put into the abdomen.
- The lining of the abdomen filters waste & then fluid and waste is drained out.

FLOWCHART for DIALYSIS

[Patient's arm]
↓ (Blood flows)
[Needle] → [Tube] → [Dialyzer Machine]
↓
[Dialyser]
(Blood & Dialysate on either side of membrane)
↓
[Clean blood returns to Patients]

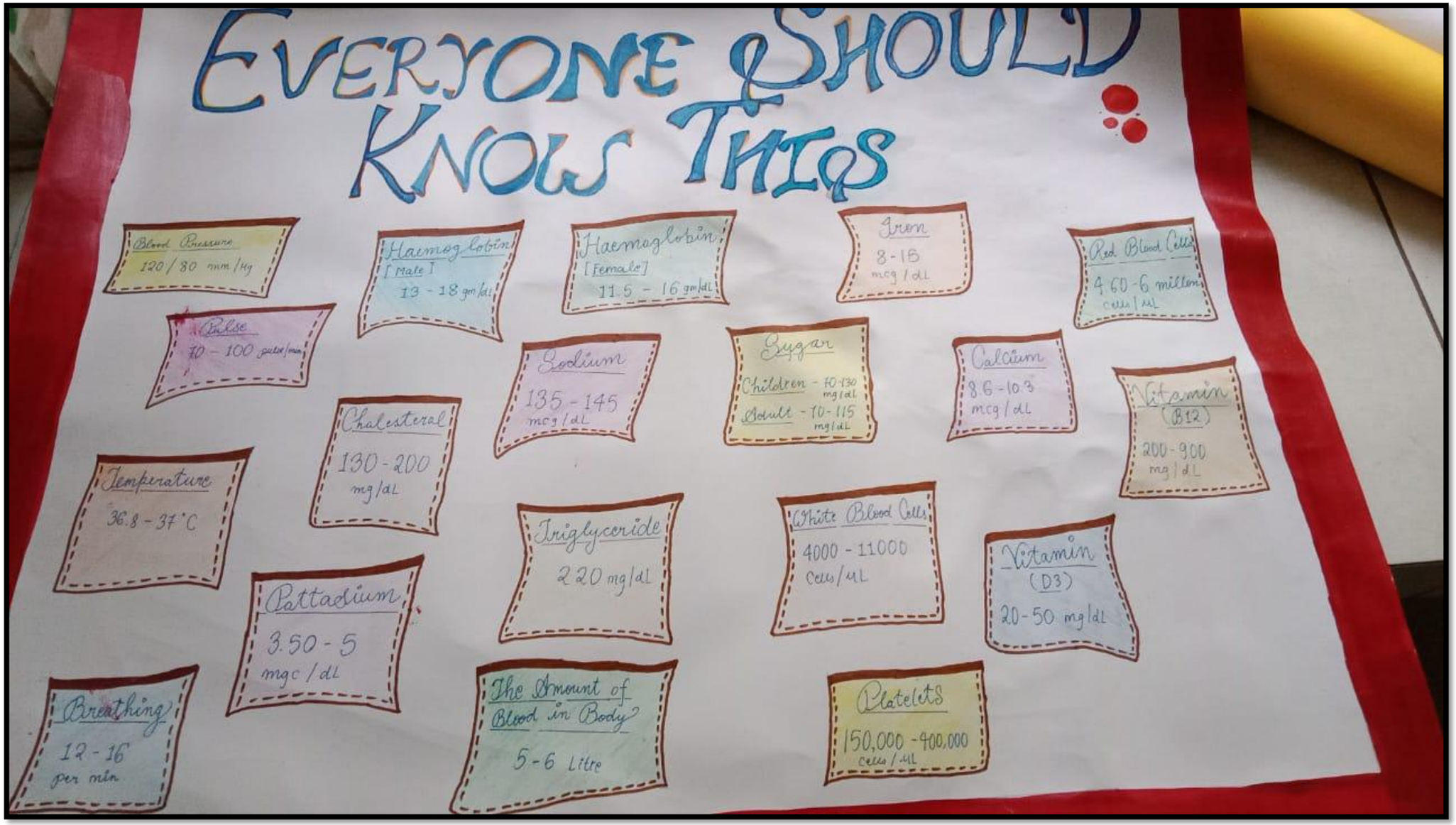
Diagram for Kidney Dialysis



HOW HEMODIALYSIS WORKS ?

- In Hemodialysis, blood is taken out of body through a needle in the arm.
- The blood flows into a dialysis machine that contains a special filter called a dialyzer (artificial kidney).
- The dialyser removes waste, extra water, and harmful substances from the blood.
- The cleaned blood is then returned back into the patients' body.
- This process usually takes 3 to 5 hours, and is done 2 to 3 times a week.
- Hemodialysis is done in hospitals, dialysis center, or sometimes at home with proper setup.
- It helps the patient stay healthy until they get a kidney transplant.


SENT OF SAP


EVERYONE SHOULD KNOW THIS
Blood Pressure
120 / 80 mm Hg
Haemoglobin [Male]
13 - 18 gm/dL
Haemoglobin [Female]
11.5 - 16 gm/dL
Iron
8-16 mcg/dL
Red Blood Cells
4.60-6 millions cells/mL
Pulse
70 - 100 pulse/min
Sodium
135 - 145 mcg/dL
Sugar
Children - 70-130 mg/dL
Adult - 70-115 mg/dL
Calcium
8.6-10.3 mcg/dL
Vitamin (B12)
200-900 mg/dL
Temperature
36.8 - 37°C
Chalesteral
130 - 200 mg/dL
Triglyceride
220 mg/dL
White Blood Cells
4000 - 11000 Cells/mL
Vitamin (D3)
20-50 mg/dL
Pattasium
3.50 - 5 mgc/dL
Breathing
12 - 16 per min
The Amount of Blood in Body?
5-6 Litre
Platelets
150,000 - 400,000 cells/mL


SUSTAINABLE DEVELOPMENT
NATURE PROVIDES A FREE LUNCH BUT ONLY IF WE CONTROL OUR APPETITE
STEAM POWER GENENERATOR
SMART CITY
GENERATOR
BOILER
STEAM ENERGY

Garden Club

Yoga &

Indoor games and

sports club

Art-Craft

Club

Maths Club


BPT
BASIC
PROPORTIONAL THEOREM
BASIC
PROPORTIONAL
THEOREM
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Music & Dance Club

Charity and Socio-Awareness Club


हिंदी दिवस


K.D.K. VIDYA MANDIR
K.D.K VIDYA MANDIR
Renukoot
SOCIAL OUTREACH
PROGRAMME
To
SWAYAM SEVA SAMARPAN
SANSTHAN
Babhani-Sonebhadra (U.P.)


K.D.K VIDYA MANDIR
Renukoot
SOCIAL OUTREACH
PROGRAMME
SWAYAM SEV
SANS
Babhani-Sone
Cutie
SUPRA

Literary Club