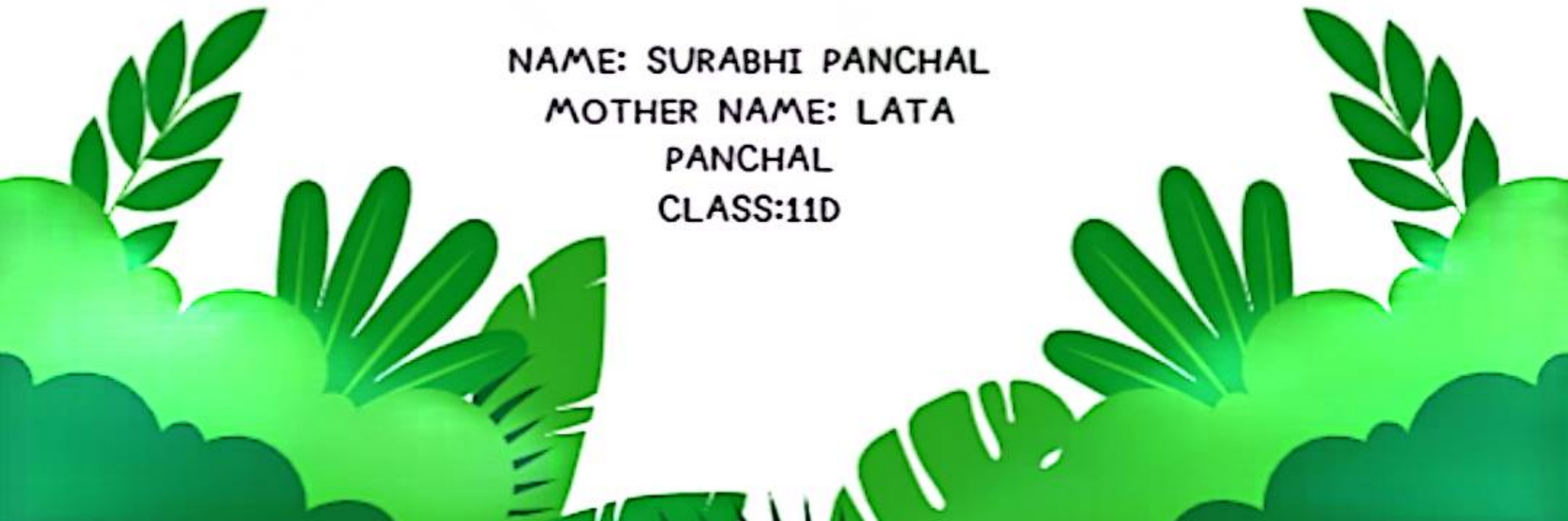


YCIS ECO-CLUB ACTIVITY



NAME: SURABHI PANCHAL
MOTHER NAME: LATA
PANCHAL
CLASS:11D

Name of plant :LEDEBOURIA SOCIALIS





care instructions

1. Use Well-Draining Soil

Plant in cactus or succulent mix with extra perlite to prevent bulb rot.

2. Give Bright, Indirect Light

Prefers bright, filtered light. A little morning sun is fine, but avoid harsh afternoon rays.

3. Water Sparingly

Let soil dry out completely between waterings. Water more in spring/summer, less in fall/winter.

4. Keep Warm, Avoid Frost

Ideal temperatures: **Page 3** F (15–27°C). Not frost-hardy—keep indoors if it gets cold.

ecological benefits

🌱 Ecological Benefits of *Ledebouria socialis*:

Pollinator Support: Its small, bell-shaped flowers can attract bees and other small pollinators, helping local pollination networks.

Soil Stabilization

When grown in clusters, its bulbous roots help anchor soil, reducing erosion in garden beds or dry landscapes.

Low Resource Use

It's drought-tolerant and needs minimal water and fertilizer, making it an eco-friendly option for sustainable gardening.

interesting details:



1. It's Not a True Succulent

Although it looks like one, *Ledebouria socialis* is actually a bulbous perennial, more closely related to hyacinths than typical succulents.



2. Striking Leaf Patterns

Its silvery-green leaves with dark purple spots aren't just for looks – they help reflect sunlight and reduce water loss, making it well-suited to dry climates.



3. Purple Undersides

The leaves' deep purple undersides enhance photosynthesis in lower light by bouncing light back through the leaf – a clever adaptation for shady environments.



4. Natural Multipliers

The plant naturally produces offsets (baby bulbs) around the main bulb, forming dense clusters. It essentially clones itself, making propagation super easy.

