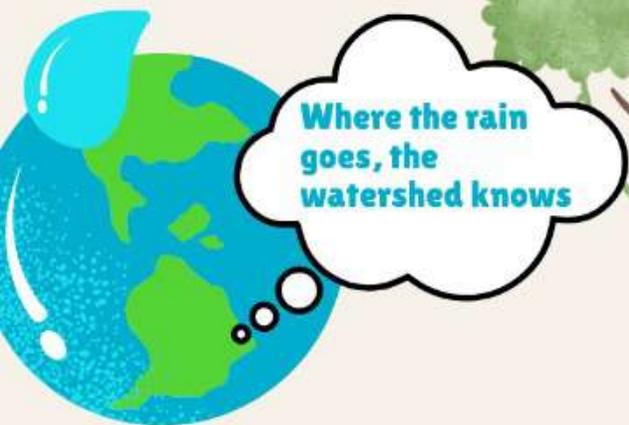
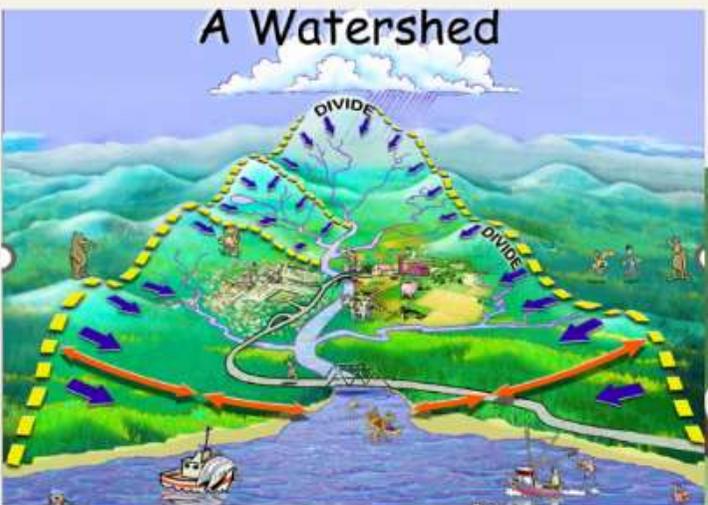


Watershed: Nature's Water Classroom

Water scarcity and floods are pressing challenges in many humid regions of Kerala. Although large-scale interventions such as dams and river water transfer can provide solutions, they are often costly and not feasible for all locations. This study focuses on cost-effective, site-specific soil and water conservation measures implemented at the watershed level.



What You'll Explore

Nature – Based and Engineered Solutions For Resilient Watersheds

Water is very important for all living things. A watershed is an area of land where rainwater drains and flows to a common place like a pond, reservoir, or stream. At KFRI's Forest Research Centre, Velupadam, there is a well-maintained model watershed that helps slow down the rainwater and shows how we can use water wisely. This model is used for demonstration and is a great way to teach students and visitors about protecting nature and using land in a better way.

We invite schools to be a part of this enriching journey into nature and science!

Through this visit, students gain hands-on exposure to watershed conservation, bamboo bioengineering, and sustainable land-use practices. This field visit offers a unique opportunity to learn, observe, and engage with real-world environmental solutions.



Half-Day Programme Details

10.00 am Arrival & Welcome

10.15 am Introductory talk

- What is a watershed?
- Importance of watershed management
- Model & control watersheds
- Bamboo as a bioengineering measure

11.00 am Tea break

11.15 am Field demonstration

- Types of Check Dams
- Hydrometeorological monitoring
- Bamboo growth parameters
- Instruments and techniques used

11.45 am Feedback & Suggestions

12.00 pm Closing Thoughts

Welcome, future stewards of the planet!

