A Comprehensive Guide to Common Plants

Features, Habitats, and Care Tips

# 1. Rose (Rosa)

Leaf Shape: Oval to elliptic with serrated edges

Flowering Season: Late spring to fall

Preferred Habitat: Well-drained soil, full sun

Care Tips:

* Water regularly, but avoid overwatering.
* Prune dead or diseased stems to promote healthy growth.
* Fertilize with a balanced fertilizer during the growing season.

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# 2. Lavender (Lavandula)

Leaf Shape: Narrow and elongated, often covered with fine hairs

Flowering Season: Summer

Preferred Habitat: Well-drained, sandy soil, full sun

Care Tips:

* Water sparingly, as lavender is drought-tolerant.
* Prune after flowering to maintain shape and encourage new growth.
* Ensure good air circulation to prevent fungal diseases.

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# 3. Fern (Pteridophyta)

Leaf Shape: Divided into multiple leaflets, often feathery

Flowering Season: Non-flowering, reproduces via spores

Preferred Habitat: Moist, shaded environments

Care Tips:

* Keep the soil consistently moist, but not waterlogged.
* Avoid direct sunlight; provide indirect or filtered light.
* Mist the leaves regularly to maintain humidity.

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# 4. Cactus (Cactaceae)

Leaf Shape: Modified into spines

Flowering Season: Spring to summer, varies by species

Preferred Habitat: Dry, arid environments, well-drained soil

Care Tips:

* Water sparingly; allow the soil to dry out completely between waterings.
* Provide plenty of sunlight, ideally 4-6 hours of direct sunlight daily.
* Use a specialized cactus soil mix for optimal drainage.

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# 5. Maple Tree (Acer)

Leaf Shape: Palmate with lobes

Flowering Season: Spring

Preferred Habitat: Well-drained soil, full sun to partial shade

Care Tips:

* Water deeply during dry periods, especially young trees.
* Prune in late winter to early spring to shape and remove dead wood.
* Mulch around the base to retain moisture and regulate temperature.

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# 6. Bamboo (Bambusoideae)

Leaf Shape: Long, narrow, lanceolate

Flowering Season: Rare, varies greatly among species

Preferred Habitat: Well-drained soil, full sun to partial shade

Care Tips:

Water regularly, especially during dry spells.

Prune to control size and remove dead or weak canes.

Provide a barrier to prevent excessive spreading.