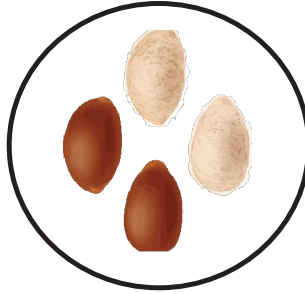


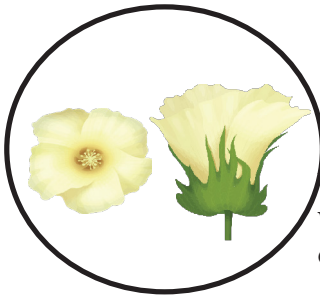
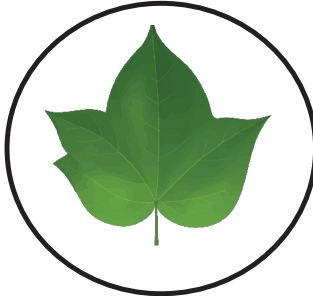
Name: _____

Cotton Growth Cycle



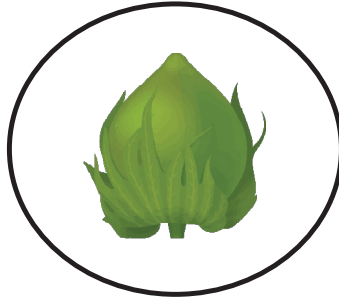
A cotton seed comes from the cotton boll of a mature plant. Cotton plants begin as seeds, which germinate and sprout after 5-10 days in warm, moist soil.

The seedling's first two leaves (cotyledons) appear as its roots grow. In 2-4 weeks, the root system develops, and true leaves start to form.



After 5-7 weeks, small flower buds (squares) appear. In 2-3 weeks, creamy white flowers bloom, self-pollinate within 24 hours, then turn pink and fall off 7-10 days later.

After pollination, a boll forms and the plant directs nutrients to it for 20 days. The boll contains over 30 seeds, and cotton fibers grow for 1520 days. In the next 20-40 days, the fibers fill with cellulose.



When the bolls finish filling with cellulose, they start to burst open to reveal their cotton fiber. The cotton dries and fluffs up until it is mature and ready for harvesting.

WORD BANK

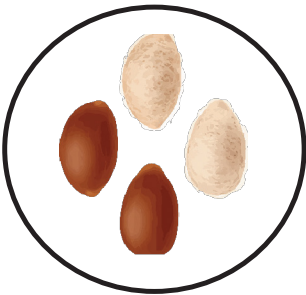
Seedlings Boll Growth Flowering

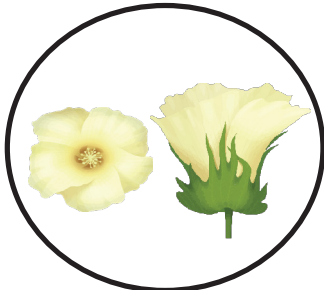
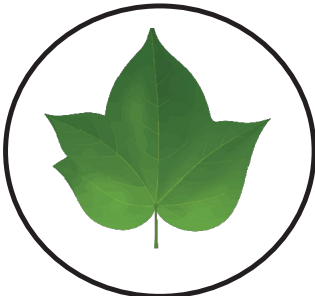
Ripening Process Seed and Germination



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IN THE CLASSROOM

Name: _____ **Cotton Growth Cycle**







After 5-7 weeks, small flower buds (squares) appear. In 2-3 weeks, creamy white flowers bloom, self-pollinate within 24 hours, then turn pink and fall off 7-10 days late

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WORD BANK

Seedlings

Boll Growth

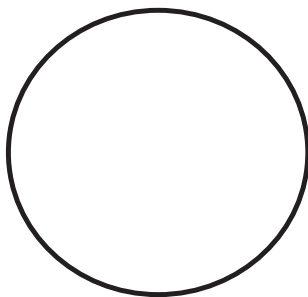
Flowering

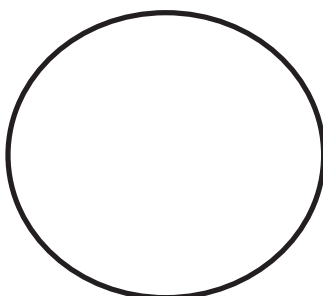
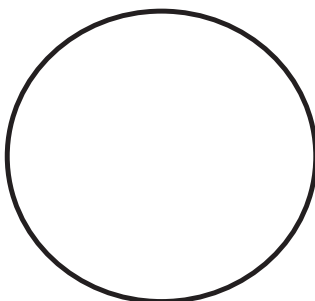
Ripening Process

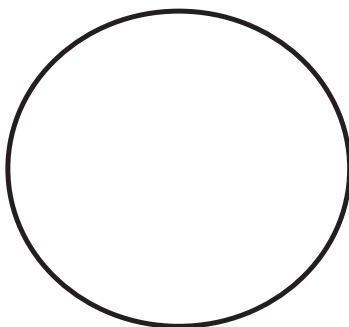
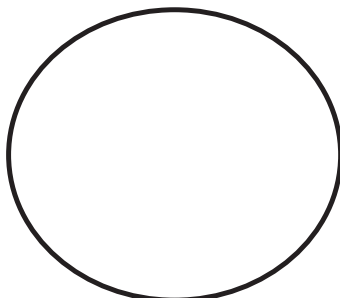
Seed and Germination

Name: _____

Cotton Growth Cycle









WORD BANK

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Ripening Boll

Leaf

Bur

Seed

Stem

Roots

Lint

Flower

Boll

Bracts

