



4-H School Enrichment Programs

University of Illinois Extension, McLean County

Biotechnology In Agriculture

This kit contains hands-on experiments and demonstrations dealing with the extraction of DNA from various materials .

Recommended Grade Levels: 5th through 12th grade

Appropriate length: 4 – 8 weeks

Youth Objectives:

Youth will learn have the opportunity to study DNA, extract DNA from various materials and research the role of biotechnology in agriculture.

The Biotechnology ag mag and the videos, “Science In Your Shopping Cart” and “Bringing Biotechnology To Life” are good companions to this kit.

Cost: None

Teacher’s responsibilities:

Teachers will need to review kit lessons and return all titles in a timely manner.

For more information, contact:

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4-H is a youth development program of the University of Illinois Extension.

It is a non-formal education program for youth between the ages of 8 and 19. 4-H projects are offered to youth through community clubs, project clubs, and special interest groups, as enrichment to school curricula, and in the 4-H Afterschool program.

University of Illinois Extension provides equal opportunities in programs and employment.