

**Books**

*Angela's Ashes*, McCourt, Frank, ISBN: 068484267X, \$7.00

Mix in abject poverty and frequent death and illness and you have all the makings of a truly difficult early, Irish life. Worse than the ordinary miserable childhood is the miserable Irish childhood.

Fortunately, in McCourt's able hands it also has all the makings for a compelling memoir.

*Blight*, Melham, D. H., ISBN: 0714542741, \$21.95

**Web Sites**

Plant pathology online

<http://www.scisoc.org/>

the Irish potato famine on the Internet

<http://www.cavannet.ie/history/famine.htm>

Leaf blight diseases of potatoes including images and descriptions from North Dakota University.

<http://ndsuxt.nodak.edu/extpubs/plantsci/hortcrop/pp1084w.htm>

Potato famine history, 11 songs, a blight simulation, discussions.

<http://www.toad.net/~sticker/nosurrender/seafood.html>

**National Science Content Standards**

Content Area	Standards
Physical Science	C1
Life Science	A1, A2, A3, A4, A6, B1, B2, B3, C1, D1, D2, D3, D4, E1, E2, E3
Earth Science	C4
Science in Personal & Social Perspectives	D2, E2, E4, E5, E7
History and Nature of Science	A1, A2, B3

**Materials**

Activity	Material	Amount
Take a Ride on the Carbon Cycle	Test tubes (4 large)	per group
	Graduated cylinder	1 per group

## Blight!

To return to the lesson, select Exit from the File pull-down menu.

	Drinking straw	1 per group
	Aluminum foil (small piece)	4 per group
	Bromothymol blue solution	per group
	Elodea sprigs (10cm)	2 per group
	Tape (masking)	per group
	Test tube rack	1 per group
	Growlight or sunlit window	per class
	Lettuce leaf soaking in aged water	per group
	Microscope slide	2 per group
	Cover slip	2 per group
	Salt solution	per group
	Forceps	1 per group
	Spinach leaf extract (spinach leaf soaked in alcohol)	per class
	Beaker	1 per group
	Filter paper or coffee filter	1 per group
	Scissors	1 per group
	Pencil	1 per student
	Ruler	1 per group
	Various grain products	per group
	Potato (small piece)	per group
	Fruits and vegetables (a variety)	per group
	Lugol's Iodine solution	per group
	Styrofoam tray	1 per group
	Benedict's solution	per group
	Test tubes (4 large)	per group
	Test tube rack	per group
	Test tube holders	1 per group
	Goggles	1 per student
	Hot plate	1 per group
	Beaker	1 per group
Beware of the Celery Stalker!	Celery (1 stalk, fresh with leaves)	1 per group
	Beaker (250ml), plastic tumbler, or paper cup	1 per group
	Red food coloring	per group
	Ruler	1 per group
	Plastic knife	1 per group
	paper towels	per group
Operation Flower Power!!	Flower (large , such as a tulip or lily)	1 per pair
	Hand lens	1 per pair
	Sheets of newspaper	per pair

## **Blight!**

To return to the lesson, select Exit  
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	Colored pencils	per pair
	Fruits (several varieties)	per class
	newspaper	per pair
	Lima bean	1 per pair
Fancy Plants	Potting soil	per group
	Paper or plastic cups	8 per group
	Seeds (24 of one species - peas)	per group
	Ruler	1 per group
	Bags (large, plastic, zipper bags)	4 per group
	Life science text or other reference	per group
Toss Your Salad	Science text	per pair
	Reference books on plants	per pair
	White paper	per pair
	Colored pencils	per pair

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