

# The DNA Files:

## Workshops and Activities



The DNA Files workshops are an outreach component of *The DNA Files* public radio documentary series produced by SoundVision Productions<sup>®</sup> with funding from the National Science Foundation, the U.S. Department of Energy, the National Institutes of Health, and the Alfred P. Sloan Foundation.

# Workshop Materials

## Comparing DNA Workshop Prep List

Acquire all materials on the Materials List.

Cut drinking straw pieces--optionally, you can pre-create Sneachers before class, using about half the Play-Doh to make a ball and putting a piece of drinking straw in it. Otherwise, lead the participants to do this at the start of the Sneacher activity.

Cut out magnetic DNA sequence strip halves and tape together with clear tape. Cut out magnetic bases.

MATERIALS	QTY	DONE?	VENDOR INFO	PRICE (Before Tax & Shipping)	ACTIVITY #
Comparing DNA Workshop Teacher Guide	1		print .pdf		
Comparing DNA Workshop Prep List	1		print .pdf		
Nametags	24-30		Self-provided		
A whiteboard, blackboard or flipchart and pens	1		Self-provided		1
Sneacher Valley "before" picture	1		print .pdf		2
Sneacher Valley "after" picture	1		print .pdf		2
Play-Doh™ (one tub/group of 2 or 3 participants)	8 (2 packs)		www.cvs.com, Play-Doh Multi-Pack Rainbow Fantasy	\$4.49/pack of 4	2
Drinking straws	50 (1 pack)		www.greeneearthofficesupply.com, K1351	\$1.20/50 straws	2
Additional Sneacher construction materials (craft sticks, toothpicks) (optional)			Self-provided		2
Blank compare/contrast chart and markers	1 1 or 2		print .pdf		3

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Magnetic DNA sequence strips, enough for each participant	9 sheets		paper from www.thepaperseller.com, 46132, print .pdf	\$13.79/6 sheets	4
Base spinners, enough for each participant	24-30		print .pdf		4
Additional magnetic bases	2 sheets		paper from www.thepaperseller.com, 46132, print .pdf	\$13.79/6 sheets	4
Brass fasteners	1 box		brass fasteners from www.officedepot.com, 313502	\$1.79/100	4
Manila folders, glue or gluestick, tpe			Self-provided		4
Metal or magnetic surface (optional)	24-30		Self-provided		4
DNA sequence comparison worksheets			print .pdf		5
Pencils, pens, or crayons			Self-provided		5
Apples			Self-provided (enough for participants to share slices)		6
Knife & Cutting Board			Self-provided		6