



## DNA DAY Activity Ideas for all Grade levels

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### **K-3rd**

DNA Coloring

<http://www.supercoloring.com/coloring-pages/dna-structure-and-bases>

Handy Family Tree

<http://teach.genetics.utah.edu/content/heredity/files/Family-Handy-Tree.pdf>

Traits Bingo

<http://teach.genetics.utah.edu/content/heredity/files/Traits-Bingo.pdf>

The One and Only Me Book and Lessons

<http://familylocket.com/family-traits-worksheet/>

Family Traits and Traditions

<http://teach.genetics.utah.edu/content/heredity/files/Family-Traits-Traditions.pdf>

Have your DNA and Eat it too

<http://teach.genetics.utah.edu/content/dna/HaveYourDN>

### **4th -6th**

Traits Bingo

<http://teach.genetics.utah.edu/content/heredity/files/Traits-Bingo.pdf>

Family Traits Trivia

<http://teach.genetics.utah.edu/content/heredity/files/Traits-Trivia.pdf>

Handy Family Tree

<http://teach.genetics.utah.edu/content/heredity/files/Family-Handy-Tree.pdf>

Inventory of Traits

<http://teach.genetics.utah.edu/content/heredity/files/InventoryOfTraits.pdf>

Human Traits information

<http://learn.genetics.utah.edu/content/basics/observable/>

Generation of Traits

<http://teach.genetics.utah.edu/content/heredity/files/Traits-Generations.pdf>

Family Traits and Traditions

<http://teach.genetics.utah.edu/content/heredity/files/Family-Traits-Traditions.pdf>

Have your DNA and Eat it too

<http://teach.genetics.utah.edu/content/dna/HaveYourDNAandEatItToo.pdf>

DNA Bracelet

<https://www.yourgenome.org/activities/sequence-bracelets>

### **7th- 8th**

A recipe for trait

<http://teach.genetics.utah.edu/content/heredity/files/Traits-Recipe.pdf>

DNA Origami

<https://www.yourgenome.org/activities/origami-dna>

Gummy Bear DNA Model

[https://www.mrsec.psu.edu/sites/mrsec.psu.edu/files/dna\\_strand\\_model.pdf](https://www.mrsec.psu.edu/sites/mrsec.psu.edu/files/dna_strand_model.pdf)

Have your DNA and Eat it too

<http://teach.genetics.utah.edu/content/dna/HaveYourDNAandEatItToo.pdf>

Paper Protein Chain

<https://middleschoolscience.com/2015/11/25/dna-paper-protein-chains-activity/>

DNA Bracelet

<https://www.yourgenome.org/activities/sequence-bracelets>

### **9th - 12th**

DNA Origami

<https://www.yourgenome.org/activities/origami-dna>

Gummy Bear DNA Model

[https://www.mrsec.psu.edu/sites/mrsec.psu.edu/files/dna\\_strand\\_model.pdf](https://www.mrsec.psu.edu/sites/mrsec.psu.edu/files/dna_strand_model.pdf)

Paper Protein Chain

<https://middleschoolscience.com/2015/11/25/dna-paper-protein-chains-activity/>

Have Your DNA and Eat it too

<http://teach.genetics.utah.edu/content/dna/HaveYourDNAandEatItToo.pdf>

Strawberry DNA Extraction

<https://unlockinglifescode.org/node/653>

Timeline of the Human Genome from Genome: Unlocking Life's Code  
<https://unlockinglifescode.org/timeline>

National Human Genome Research Institute DNA DAY Activities  
<https://www.genome.gov/dna-day/get-activity-ideas>