



# Virginia 4-H MAKING the Future

\*18 U.S.C. 707

## WWI Maker Activities

### Overview . . .

The WWI Maker Activities are a series of hands-on activities, providing children and youth the opportunity to build, make and create. The activities are centered around various educational opportunities, the science behind them, and a brief introduction of WWI related history. The activities can be offered as a WWI Military Maker event for families or as an ongoing series of weekly activities for children and youth.

### Activities

**Seed Tape** - Make a seed tape from cornstarch and toilet paper

- ⇒ *The science behind . . .* seeds (Plant Science)
- ⇒ *The history behind . . .* War Gardens
- ⇒ *WWI focus* - Liberty Gardens

**Codes and Ciphers** - Make a cipher disk and write a message in code

- ⇒ *The science behind . . .* codes and ciphers (Math)
- ⇒ *The history behind . . .* codes and ciphers
- ⇒ *WWI focus* - Native Americans and the Choctaw Indian codebreakers

**Making Music** - Make musical instruments (flute, trumpet, guitar, drum) out of everyday items

- ⇒ *The science behind . . .* music (Physics/Music)
- ⇒ *The history behind . . .* military bands
- ⇒ *WWI focus* - General Pershing and the AEF bands

**The Hello Girls** - Make a phone from paper cups and string

- ⇒ *The science behind . . .* telephones (Physics)
- ⇒ *The history behind . . .* telephones
- ⇒ *WWI focus* - women in the military and the *Hello Girls*

**Airplanes** - Make an airplane out of paper

- ⇒ *The science behind . . .* airplanes (Engineering/Arts)
- ⇒ *The history behind . . .* flight
- ⇒ *WWI focus* - the role of the Army Signal Corps

**Monuments** - Make a monument out of everyday items

- ⇒ *The science behind . . .* building structures (Engineering/Visual Arts)
- ⇒ *The history behind . . .* monuments
- ⇒ *WWI focus* - monuments dedicated to WWI

**Boats** - Make a self-powered boat out of paper and rubber bands

- ⇒ *The science behind . . .* boats (Engineering/Arts)
- ⇒ *The history behind . . .* the Navy
- ⇒ *WWI focus* - the role of the Navy

**Writing to Soldiers** - Partner with local support agencies to write postcards to our current soldiers

- ⇒ *The science behind . . .* communication methods (Language Arts)
- ⇒ *The history behind . . .* communication during wartime
- ⇒ *WWI focus* - the role of the Red Cross and YMCA

[www.ext.vt.edu/topics/4h-youth/makers](http://www.ext.vt.edu/topics/4h-youth/makers)

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