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

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