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

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

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

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

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

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

Animals – Make a bird whistle from a straw
⇒ The science behind . . . animal sounds (Biology)
⇒ The history behind . . . animals in warfare
⇒ WWI focus - the role of animals in WWI

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

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

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

Parachutes - Make ‘parachutes’ with napkins and pipe cleaners
⇒ The science behind . . . gravity and air resistance (Physics)
⇒ The history behind . . . the invention of the parachute
⇒ WWI focus - the use of parachutes by WWI pilots

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