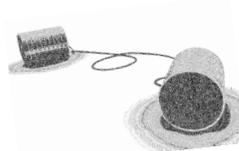


Hello - Can You Hear Me?



Materials Needed:

- Card Stock
- Scissors
- Printed copies of telephones and accompanying information.
- Glue
- Empty tin cans (2 per telephone line, vegetable or fruit cans work well)
- Cotton or Nylon String (10-20 feet per telephone line)
- Candle Wax (if using cotton string)
- Metal Washers (1 per tin can)
- Nail
- Hammer
- Duct Tape or Wide Masking Tape



Before the meeting:

Print the pictures of the phones and glue each of them on a separate piece of card stock. Read the accompanying notes so that you know the approximate dates when each style of phone was used. You may want to glue the notes on the back side of the appropriate card.

One end of the can should be removed. Make sure there are not sharp edges on the can. Cover the edges with duct tape or wide masking tape to keep children from getting cut on the edges.

If you are using cotton string, coat it with candle wax.

Using the hammer and nail, drive a hole into the center of the end of the can.

During the meeting:

Introduce this activity by showing your Cloverbuds the pictures of the phones. Ask them if they've seen any of the phones. Put the pictures in numerical order. This order is the timeline during which they were used from oldest to present day. Explain that the quality of our telephone service improved as technology became more advanced.

Tell the children that they are going to make and use an old fashioned telephone. Give each child two tin cans, two washers, and a length of string. Show the Cloverbuds how to thread the string through the end of the can. Wrap the end of the string around the washer and tie several knots in it. The washer will keep the string from pulling out when the phone is in use.

To use the phone, each child will need a partner and one set of phones. Have the children stand far enough apart to make the string taut. One child will speak into their can while their partner holds his or her can up to their ear. Have them say, "Hello, can you hear me?" Encourage children to take turns talking and listening.

*Submitted by: Joyce Shriner, Extension Educator,
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4-H Cloverbuds
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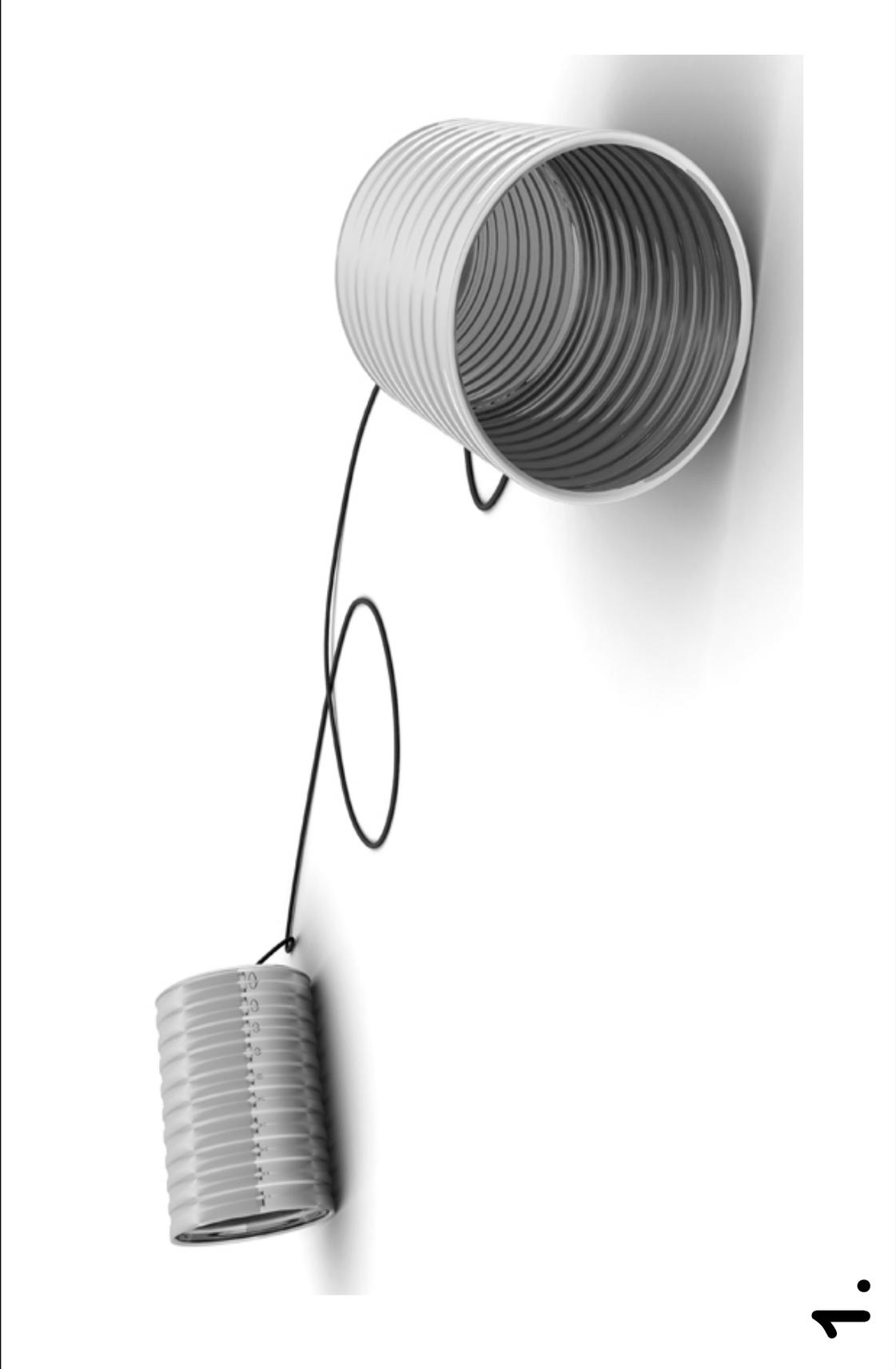
Notes

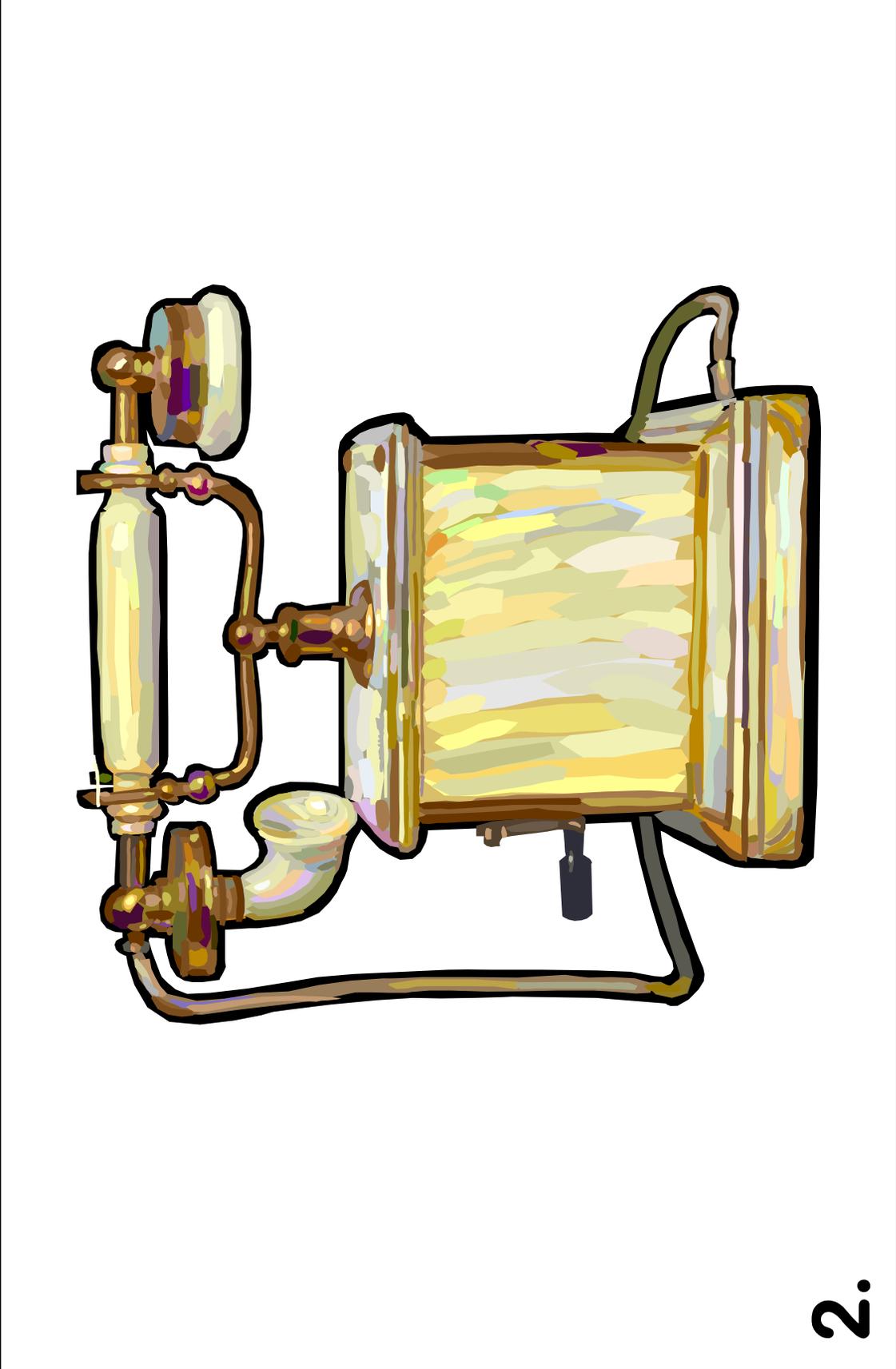
1. Tin can telephone – This phone has been used since the 1800's. Because sound is transmitted by vibrations along the wire, it only works for short distances.
2. Hand-cranked telephone – Popular in the late 1800's, people had to crank the handle which created a high voltage signal which rang the bell of the telephone they were calling. It was also used to let the line operator know they needed help.
3. Candlestick telephone – This phone was named the candlestick because it looked like a candlestick. It was used in the early 1900's.
4. Rotary dial telephone – Used in the early to mid 1900's, people dialed the phone number they wanted to call by putting their finger in the hole by each number and turning the dial.
5. Touch tone telephone – This phone became popular in the 1970's as the number keypad replaced the rotary dial.
6. Cordless telephone - Used in the late 1900's, this phone allowed people to talk while doing other things. Before the cordless phone was invented, people had to sit or stand beside the phone to talk.
7. Cell (mobile) phone – The phone of the late 1900's and today.



4-H Cloverbuds

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2.



3.



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4.



5.



6.



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7.



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