Design Brief for the Sound Activity

Your school is on a field trip to the city to listen to a rock band concert. After reaching the concert, you were told that the band’s instruments were damaged during travel. The band needs your help to design and build a stringed instrument with the available materials. Your design must satisfy the following criteria and constraints.

Criteria:

 Produce three different sounds (pitch)

 Your instrument must include at least one string

Constraints:

 Only available material should be used

 The instrument should be no longer than 30 centimeters (or one foot)
Examples of Student Instrument Designs