

MIT Blossoms lesson
on
“Elasticity: studying how Solids change shape and size”
Data Analysis and Figures for Activities 1, 2, 3

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Activity 1 summary

- In approximately decreasing order of Stiffness (force required to deform by same small amount) perceived via sense of touch:
 - Wooden stick
 - Paper clip
 - Rubber ball
 - Rubber band
 - Pizza dough
- In approximately decreasing value of maximum elastic deformation relative to original configuration perceived via visual inspection:
 - Rubber band
 - Rubber ball
 - Wooden stick
 - Pizza dough
 - Paper Clip