

## Bones Experiment Tips

Read below for extra tips to help you complete your science experiments.



### Model Skeleton

- Use your experiment guide to help organize the different bone pieces before building your model.
- Use your experiment guide to help match the left and right pairs of each bone.
- The pegs of the bones are delicate. Handle them gently when connecting or disassembling the pieces.
- Remember:
  - The ridged part of the vertebral column faces outward.
  - The smaller pegs on the clavicles connect to the front of the ribs, while the larger pegs connect to the backs of the scapulae.
  - The concave curves of the scapulae should face outward and away from the spine.



### Robotic Hand Model

- Follow the numbers on the hand punch-out and the sticker to help you match the hand bones correctly.
- Peel back the sticker pieces one at a time as you place the punch-out pieces on top. This will help preserve the stickiness of the sticker.
- Remember to cut the straw pieces slightly shorter than their respective phalanges. If they are too long, they will inhibit the fingers from bending at the joints.