



CHOMP!

- 1** Using the dental x-rays and models, investigate the anatomy and alignment of teeth. Be a *Tooth Detective*; make and use your own bite impression to learn more about the form and function of teeth. Which teeth do you have? Which teeth have you lost or have yet to get?
- 2** Teeth are a very important part of the digestive process since most food must be chewed before it can be swallowed. Perform a lab experiment as you investigate the important role that spit (yes, spit!) plays in digestion.
- 3** Not all food and beverages are created equal! Some things that we eat and drink are better (or worse) for our teeth. Test a variety of common treats and determine the effect that each has on the pH levels of our mouths. Then, investigate the effect that soda can have on teeth in *Soda, So what?*.
- 4** Cavities are permanently damaged areas in the hard surface of teeth that develop into tiny openings or holes. See what can happen when cavities go unfilled in a *Hole in One*.
- 5** Scientists, including medical and dental professionals, are always looking for ways to improve our health and well-being. Advancements in materials science are being made on a regular basis– this includes issues concerning our mouths. Using the material provided, investigate the roles that sealants and fluoride can play in dental health in the experiments: *Cover Up* and the *Power of Fluoride*.