

Knowledge and Skills First Grade

Standard of Learning

- 1.3 The student will explain the need for specific rules during activities to avoid dental and facial injuries. Key concepts/skills include:
- a) bus and automobile safety;
 - b) pedestrian safety;
 - c) playground safety;
 - h) the need for protective gear
- 1.6 The student will demonstrate responsible personal and social behaviors in the school community. Key concepts/skills include:
- a) cooperative behavior;
 - b) respect for others;
 - c) adherence to school rules

Understanding the Standard

The student will understand the importance of following school safety rules.

Essential Knowledge and Skills

The student will:

- describe cooperative behaviors on school property that prevent injuries
- give an example of what athletes wear to protect themselves from sport injuries

Instructional Strategies

- Dental Emergency poster for the classroom from the Division of Dental Health/VDH
- Brochures on mouth guards from the American Dental Association
- Safety sheets from Colgate

Sample Lesson

Discussion for the presenter – Orofacial injuries are common among school age children. Part of personal safety is adhering to school safety rules and regulations. Learning appropriate behavior at a young age will promote injury-free situations. Cooperative behaviors on school property are important skills to learn. Orofacial injuries could result from one push at a water fountain, putting pens or pencils in mouths or throwing a ball at head and face areas.

If a young child has a primary front tooth knocked out, a cold compress should be applied. With an older child, if a permanent tooth is avulsed (knocked out), place the tooth in milk and seek immediate dental treatment. Avoid handling the tooth as much as possible. Other common sources of orofacial trauma include car accidents, hot foods or beverages, and falls.

Leading questions:

- Has anyone here hurt his or her mouth or teeth from rough playing?
- What could happen if you pushed someone at the water fountain?

- What can happen if you chew on pens or pencils?
- Why is it a bad idea to throw things towards someone's face?
- If you knock out an adult tooth, is another tooth going to grow in?
- Do you wear a seat belt when riding in the car?
- Do you chew ice with your teeth?
- What do athletes wear in their mouths to protect their teeth when playing sports?

Additional Instructional Resources

- [American Dental Association](http://www.ada.org) – www.ada.org
- [American Society of Dentistry for Children](http://www.asdckids.org) - www.asdckids.org
- [Cavity Busters](http://www.lookmom.com) – teaching packet, videotape - www.lookmom.com
- [Colgate](http://www.colgate.com) - printable activity sheets, consumer information – www.colgate.com
- [Crest](http://www.dentalcare.com/drn.htm) – printable activity sheets, consumer information - www.dentalcare.com/drn.htm
- Virginia Department of Health – Division of Dental Health
www.vahealth/teeth.org

Assessment Ideas

The student will:

- Role-play cooperative behavior and showing respect for others.
- Take turns being the safety/tooth patrol person.
- Demonstrate on the playground appropriate behavior to avoid injury.
- Discuss how they would react to the teacher's teeth if they were blacked out.
- Demonstrate or role-play how to handle a dental emergency.
- Invite a local athlete to visit the classroom to discuss sport safety and mouth guards.