

# **STRANDED! What to Eat?**

## **OUTREACH PRE-VISIT PAGE (GRADES 6-8) 45 minutes**

Arizona Science Center will be arriving no later than 15 minutes before the start of your program(s). **Stranded!** is intended to be a hands-on introductory bioscience program that covers:

- Human biochemistry
- Laboratory procedures and chemical reactions
- Investigating scientific methods including predictions and observations

### **PROGRAM NEEDS**

- **Class teacher/instructor must remain in room for duration of program for liability purposes**
- One instructor table at front of room
- Dry erase board or chalkboard
- Room with sink or water readily available
- Limited to 30 participants who will break into 8 groups
- If multiple programs are scheduled at your location, it is ideal that the instructor be set up in one room and participants be brought in, otherwise allow 15 minutes between programs

### **SCIENCE STANDARDS**

#### **Grade 6:**

S4C1PO1: Explain the importance of water to organisms.

S4C1PO6: Structures within living organisms.

S4C1PO7: How systems within living organisms work together to perform vital functions.

#### **Grade 8:**

S5C1PO3: Identify evidence that a chemical reaction has occurred.

S5C1PO7: Investigate how the transfer of energy can affect the physical and chemical properties of matter.

### **HEALTH EDUCATION STANDARDS**

**Grade 6:**

H1C3PO2: Analyze how food provides energy and nutrients for growth and development, that nutrition requirements vary from person to person, and how food intake affects health.

**Grade 7:**

H1C3PO2: Analyze how food provides energy and nutrients for growth and development, that nutrition requirements vary from person to person, and how food intake affects health.

**Grade 8:**

H1C3PO2: Analyze how food provides energy and nutrients for growth and development, that nutrition requirements vary from person to person, and how food intake affects health.

