

SECTION 3: WHAT'S HOT? WHAT'S COLD?

LAB

INTRODUCTION

Your skin contains receptors for temperature. These receptors are not thermometers. They cannot measure temperature. Instead, they detect changes in temperature. The receptors sense a change from cold to warm or hot, or a change from hot to warm or cold.

ASSESSMENT ANCHORS ADDRESSED

- S4.A.2.1** Apply skills necessary to conduct an experiment or design a solution to solve a problem.
- S4.C.1.1** Describe observable physical properties of matter.
- S4.A.3.3** Identify and make observations about patterns that regularly occur and reoccur in nature.

PURPOSE

In this activity, you will experiment with temperature receptors.

MATERIALS

3 plastic containers Ice cubes*
Journal page for Activity 3 Tap water*
*Teacher provides items marked with **