

LESSON NAME:

Abstraction

Lesson time: 45–60 Minutes : 5 minutes

Main Goal: Help students to see how often they use abstraction in their everyday life.

OVERVIEW:

We'll combine your students' everyday routine and a Mad-Lib style thinking game to help your class learn about the effectiveness of abstraction.

OBJECTIVE:

Students will —

- Have the chance to internalize the idea of “abstraction”
- Combine writing and abstraction to test their own creativity
- Analyze their day to find differences that they can turn into similarities

MATERIALS:

- Paper, pencils, and printed copies of stories for every student

PREPARATION:

Print copies of the “fill-in-the-blank” story provided.

VOCABULARY:

Abstraction—Removing details from a solution so that it can work for many problems

Specific—Talking about only one exact thing

Template—A frame to guide you in creating something new

BLANK TEMPLATE

First you take your (_____) then add a layer of (_____) before you pour on a hearty dose of (_____). Next, press some (_____) down into the (_____) before covering with a sprinkle of (_____). That's how I make a (_____)!

Story 1:

Early last year, my mom gave me an old skateboard. She told me about the days when she would ride it from her school in her hometown. I tried to ride it once, but tripped over my shoelaces. It didn't take long before I decided that it was best to leave the skateboarding to my mom.

Story 2:

Sometime last year, my mom told me an old story. She told me about the days when she would hear it from her father in her childhood. I tried to tell it once, but tripped over my words. It didn't take long before I decided that it was best to leave the storytelling to my mom.