**Lesson Title: Genetic Transfer**

**Unit: Molecular Genetics and Heredity**

TEKS: 130.7 (C)(7)(f)

OBJECTIVES

The student shall be able to:

1. Apply inheritance and heredity concepts.
2. Recognize the function of meiosis.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

HO: Reebops Activity

TM: Two antennae (small nails), a head (white large marshmallow), a neck (two toothpicks), two eyes (thumb tacks), an orange nose (an orange miniature marshmallow), three body segments (white large marshmallows), two green humps (green miniature marshmallows), four blue legs (blue push pins), and a curly tail (a pipe cleaner).

TEACHING PROCEDURE

|  |  |
| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – review previous material over genetics and how those traits are passed down.2. Motivation – Use everyday household items and relate principles learned to construct their Reebop.Have students complete Reebops activity. | Reebops Activity<http://cbe.wisc.edu/assets/docs/pdf/reebops/reebops.pdf> |

ENGAGEMENT

 Students will be actively participating in lesson completing Reebops activity.

EVALUATION

Completion of Reebops activity.

ADDITIONAL MATERIALS

N/A

©Texas Education Agency, 2011