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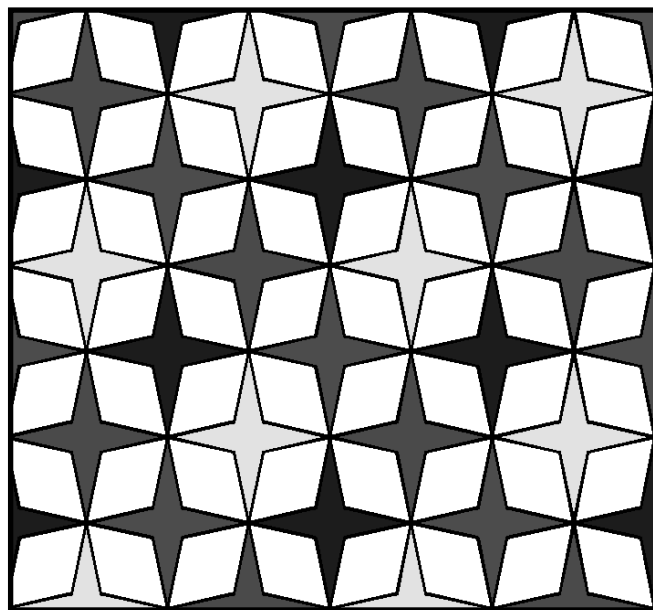
Toolin' with Tessellations

Project Description

In this activity, students learn about tessellations—repeating patterns of interlocking shapes. Students create their own tessellations and compile them into a *Microsoft PowerPoint* presentation entitled *Toolin' with Tessellations*.

Hardware and Software Needed

For this activity, you will need your computer system and *Microsoft PowerPoint*. You will also need a word processing program, such as *Microsoft Word*, or a paint and drawing program, such as *Microsoft Paint*, in which students can create their tessellations.



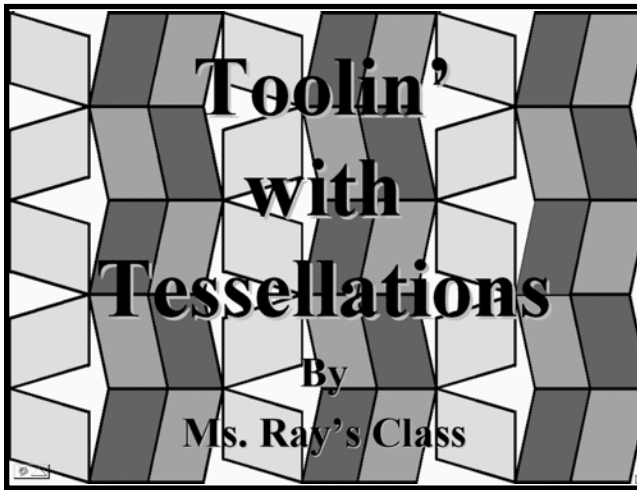
Materials Needed

For this activity, provide students with a variety of books that display tessellations. Place this material in the classroom or on reserve in the media center. You may also want to bookmark some of the Internet sites listed in the **Additional Resources** section of this project for your students to use when exploring tessellations.

CD-ROM Files

| Name | Description | Filename |
|---|-----------------------|--------------|
| <i>Tessellation Sample 1—Paper and Ribbons by Michael</i> | sample tessellation | tessamp1.doc |
| <i>Tessellation Sample 2—Honeycomb by Jasper</i> | sample tessellation | tessamp2.doc |
| <i>Tessellation Sample 3—Party Mix by Melissa</i> | sample tessellation | tessamp3.doc |
| <i>Tessellation Sample 4—Colorful Accordion by Ashley</i> | sample tessellation | tessamp4.doc |
| <i>Tessellation Sample 5—Seeing Stars by Maggie</i> | sample tessellation | tessamp5.doc |
| <i>Toolin' with Tessellations Sample</i> | sample presentation | tessamp.ppt |
| <i>Toolin' with Tessellations Template</i> | presentation template | tesstem.ppt |

Toolin' with Tessellations (cont.)



Introduction

Welcome to our world of tessellations.

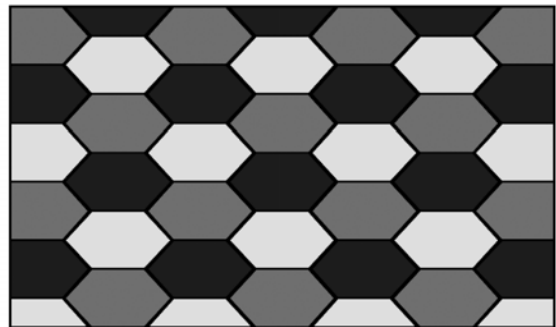
Just in case you didn't know, tessellations are repeating patterns of interlocking shapes.

All the tessellations in this presentation were created by our class. We hope you enjoy viewing them!

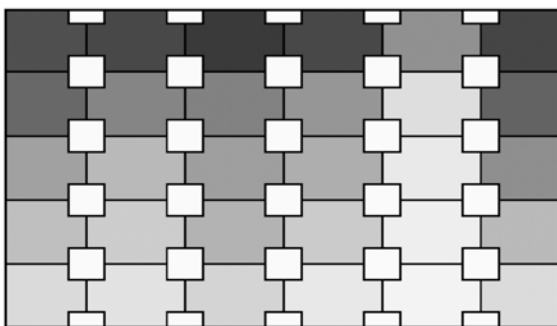
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- The Honeycomb by Jasper
- Party Mix by Melissa
- Colorful Accordion by Ashley

The Honeycomb by Jasper



Party Mix by Melissa



Colorful Accordion by Ashley

