

Sloyd

Level 7

SAMPLE





About the Course

Students take folding to another level as they learn key techniques such as pleated surfaces, curved folding and crumpling. These techniques give them the tools to express their creativity and design their own models.

Sloyd: Level 7

Level 7 starts back at the beginning of sloyd with folding techniques. However, these folding techniques are of a higher thinking level, encouraging students to envision these techniques into building structures. Paul Jackson has created videos to go along with some of the techniques, but students are encouraged to read the instructions carefully and figure these things out based on what they have learned in the previous models. While sloyd is beneficial for all students to envision geometrical forms in reality, Level 7 will be particularly interesting to the students who wish to go on to higher-level maths, engineering, design, architecture, and more.



Placement & Combining Tips

Grade 8 students who are new to sloyd should begin with Sloyd: Level 1 and then continue courses in sequence.

Prerequisite: Sloyd: Level 6



Scheduling

GRADE	SCHEDULE INFO.	BOOKS
8+	Sloyd: Level 7 1 time/week 45 min	Folding Techniques for Designers

Sample Weekly View

Day 1	Day 2	Day 3	Day 4	Day 5
Sloyd: Level 7				
		Sloyd: Level 7		



Planning & Prep

Permission to print for non-commercial use. See Alveary group use policy to use lessons in a group context.

LINKS: Click text or scan the QR code in the top corner of the lesson plan pages to view online resources associated with the lessons.

Responsibility for previewing all links rests with the teacher. All links were checked at the time of publication; however, websites change frequently and may contain objectionable content. Please report broken links by contacting us through our website.

Sloyd: Level 7

View the "Sloyd Introduction Video" in the Quick Links below for an overview of materials and resources used in Sloyd.

- Allow time for loading and viewing videos if available. We recommend teachers preview tutorials and work a model before teaching it.
- Purchase supplies and introduce students to their Sloyd tools (discuss their care and safe use). Organize them so they are easily accessible.
- Students will need the book and A4 paper for these models. Some models will require the paper to be cut into a square or cut in half lengthwise before beginning.

Term Prep & Teacher Tips

Sloyd: Level 7
 A4 paper (This is different from traditional, American copy paper, though it looks very similar. The measurements will be completely off if you choose to use traditional copy paper.)



Books & Resources

For book rationales and purchase options, click the Book List link or scan the QR code below.

∞ [View Book List Details](#)

Sloyd: Level 7



Folding Techniques for Designers



Supplies

For supply list details and basic supplies helpful to have on hand, click the links or scan the QR code below.

∞ [View Basic Supplies](#)

∞ [View Supply List Details](#)

Sloyd: Level 7



Glue Sticks



Awl



Fold-and-Score Tool/Bone



A4 Paper



Quick Links

Sloyd: Level 7

∞ [Extra Helpings](#)

∞ [Sloyd Introduction Video](#)

Click THIS text
 or scan the QR
 code for links.



Sloyd: Level 7

How To Teach



Overview

Lessons will go much more smoothly if you prepare thoroughly. As students gain experience, develop fine motor skills, and practice habits of precision they will need less support.



Prepare

Watch video tutorials or make the model yourself. Gather supplies and materials needed.



Recap

Connect back to previous lesson and skills learned.



Read

Read the instructions one step at a time. Model each step and make sure students complete it with precision before moving to the next step.



Practice

When a project is complete, students may repeat it as many times as they wish to give as gifts or create original patterns similar to the project.



Term 1

WEEK 1 45m Sloyd: Level 7 - Lesson 1

Advanced Folding Techniques

Materials: Folding Techniques For Designers, A4 paper (This is different from traditional, American copy paper, though it looks very similar. The measurements will be completely off if you choose to use traditional copy paper.)

Level 7 starts back at the beginning of sloyd with folding techniques. However, these folding techniques require higher-level thinking, encouraging students to envision them as ways to build structures. Paul Jackson has created videos to go along with some of the techniques, but students are encouraged to read the instructions carefully and figure these things out based on what they have learned in the previous models. While sloyd is beneficial for all students to envision geometrical forms in reality, Level 7 will be particularly interesting to the students who wish to go on to higher-level maths, engineering, design, architecture, and more.

PREP: Students will need the book and A4 paper for these models. Some models will require the paper to be cut into a square or cut in half lengthwise before beginning.

→ READ

Look through the diagrams on p.08 and read through the Introduction p.09-015.

→ PRACTICE

Watch the tutorial videos.

∞ Video Link: Basic Concepts

∞ Video Link: Pleating into Sixteenths

Work through the first basic concept of Linear Divisions: Sixteenths p.016-017.

WEEK 2 45m Sloyd: Level 7 - Lesson 2

Advanced Folding Techniques

Materials: Folding Techniques For Designers, A4 paper

PREP: Gather and prepare supplies for this model.

→ PRACTICE

Watch the tutorial video.

∞ Video Link: Pleating into Thirty-Seconds

Work through Linear Thirty-Seconds p.018-019.

If you have time remaining, work through any models you have previously completed multiple times.

WEEK 3 45m Sloyd: Level 7 - Lesson 3

Advanced Folding Techniques

Materials: Folding Techniques For Designers, A4 paper

PREP: Gather and prepare supplies for this model.

→ PRACTICE

Work through Linear Sixty-Fourths p.020.

If you have time remaining, work through any models you have previously completed multiple times.