TEXT, FONTS AND FITTING

Adding, fitting and curving text

Fit and shape editable text, then preserve a separate outline copy when needed.

Software practice and review

Keep **No Machine** selected and stay **disconnected** for project exercises. Supplied operation values are software examples, not tested material recipes. Keep originals and save your own work separately.



Keep editable text before making an outline copy, and inspect every character after a font change.

1. Choose Text, click the canvas and type, then Escape to finish. Search the installed fonts in Properties; choose a real available family and style.

2. In Alignment and spacing, Center aligns the example's two lines. Tracking changes letter gaps; Line spacing changes the gap between lines. Inspect the full word after either change.

3. For a fixed name area, choose Text > Box. Set Box width 60 mm and Squeeze to fit. Compare a short and a long name while keeping text editable.

4. Check readability and clearance from the tag edge and hole. Equal box widths do not prove equal visual size or legibility.

5. If a font is missing, use a properly licensed installation or an installed replacement. Recheck every character, width, spacing and fit.

6. Saved outlines help retain the supplied appearance, but later text edits can need the original font. No system font is bundled in this pack.

CURVE, PATH AND WELD

Curve, path and weld

1. Advanced Text Shape > Bend uses a radius; the demonstration uses 80 mm. Circle uses Top/Bottom, Inside/Outside and Arc Span. Inspect direction and letter clearance.

2. For the wave case, select editable text, choose Path, Select Path and click the guide. Baseline Offset moves the text relative to that path.

3. Make the guide a Tool layer and include only the lettering for offline Preview. Close Preview and return operation Output off before saving.

4. Weld joins overlapping script outlines. Inspect the planned paths rather than assuming any script font has suitable overlaps.

5. Duplicate the editable text before Convert to Path. The converted copy has nodes but loses word/font editing.

6. Compare only the answer for the chapter you are attempting. Font substitution or a different installed style can change bounds.

PRACTICE AND COMPARISON

Practice and comparison

Use the supplied box-text and circle-text starters. Fit both names into the 60 mm box, put round at the top of the coaster and table at the bottom, and make a separate welded script case.

☐ Preserve editable originals and use Save As for each task.

☐ Check all letters and any accent on canvas and in an offline Preview. Restore operation Output off afterwards.

☐ For path text, retain the guide reference but exclude its Tool layer from processing.

☐ Compare settings and structure as well as appearance. Do not install or redistribute a font without its license.

What does Squeeze to fit change when the name becomes longer?

How does Baseline Offset differ from moving the guide?

What remains editable after Convert to Path?

EXPLAINED ANSWERS

Explained answers

Fixed box
Both names use a 60 mm box; the longer name compresses more. Inspect readability and actual clearance.

Text on a path
The wording follows the guide; Baseline Offset changes its distance from that baseline.

Weld and outlines
Weld removes overlapping letter boundaries. Convert to Path freezes an outline copy and removes text editing; keep the original.

Missing font
A replacement can clear a warning while changing the layout. Check the full text, symbols and Preview again.

FILES AND COMPARISONS

Files and comparisons

Adding text and fonts
Folder adding-text-and-fonts. **fonts-demo-answer.lzrproj**, **fonts-demo-start.lzrproj**, **fonts-practice-answer.lzrproj**, **fonts-practice-answer.png**, **fonts-start.lzrproj**. Keep this chapter's inputs and comparisons together.

Curving text
Folder curving-text. **coaster-answer.lzrproj**, **coaster-answer.png**, **coaster-start.lzrproj**. Keep this chapter's inputs and comparisons together.

Fitting text
Folder fitting-text. **text-fit-answer.lzrproj**, **text-fit-answer.png**, **text-fit-blank-tags.lzrproj**, **text-fit-demo-answer.lzrproj**, **text-fit-demo-start.lzrproj**, **text-fit-start.lzrproj**. Keep this chapter's inputs and comparisons together.

Missing fonts
Folder missing-fonts. **character-check-start.lzrproj**, **missing-font-answer.lzrproj**, **missing-font-practice.lzrproj**. Keep this chapter's inputs and comparisons together.

Spacing and alignment
Folder spacing-and-alignment. **text-spacing-answer.lzrproj**, **text-spacing-answer.png**, **text-spacing-start.lzrproj**. Keep this chapter's inputs and comparisons together.

Use the comparison after your attempt. Check the specified dimensions, settings and object structure.

FILES AND COMPARISONS

Files and comparisons

Text on a path
Folder text-on-a-path. **text-path-answer.lzrproj**, **text-path-start.lzrproj**. Keep this chapter's inputs and comparisons together.

Welding and converting text
Folder welding-and-converting-text. **script-answer.lzrproj**, **script-answer.png**, **script-start.lzrproj**. Keep this chapter's inputs and comparisons together.

Use the comparison after your attempt. Check the specified dimensions, settings and object structure.