a metacognitive tech design works best in the K-12 space

spinndle

Spinndle was designed by former K-12 teachers. After spending years inefficiently hacking management platforms to monitor the personalized projects of their students, they realized that the "complete and submit" system was entirely teacher-centered. Students relied too heavily on their continual prompting and therefore stalled as they awaited feedback before progressing in their learning. In the last two years, Spinndle has proven that improved metacognition, not micromanagement, is the key to improving student agency.

Spinndle is a co-learning space for student-led projects. Students as young as grade 4 are tackling complex projects while implementing key social-emotional learning and executive functioning skills. On Spinndle, the entire learning process is visible and students are activated as resources to one another; sharing knowledge, insights, feedback, and strategies every step of the way. The platform is designed as a sandbox for learning - a communal place to practice and hone increasingly critical soft skills.

A NEED FOR EXECUTIVE FUNCTIONING SKILLS

The pandemic has redefined what "showing up" to school means. As a result, a much greater spotlight has been placed on the unique learning process of every student as well as the ability of teachers to monitor their individual levels of effort and engagement. Issues around truancy were magnified this year in a number of schools, as was the need for stronger executive functioning skills. Nightly email trails grew between students and teachers all because students struggled with independent task initiation, organization, and planning.

SPINNDLE MEETS THIS NEED

Spinndle's latest study with 20 educators and 180 students grades 4-12, demonstrates that a metacognitive approach to managing student work helps equip young students with the necessary executive functioning skills to learn how to learn. Teachers notice substantial improvement in the self-sufficiency and organization of their students, and students that use Spinndle show dramatic growth in their confidence to effectively and independently manage long-term projects.

Spinndle helps students learn important organizational and time management skills, and allows for student self-pacing.

- CATHY COLLINS

MIDDLE SCHOOL TEACHER
SHARON MIDDLE SCHOOL
MA, USA

Spinndle allowed some of my truant students and struggling learners to catch up with more confidence and control.

- KRISTEN ABBOTT

HIGH SCHOOL TEACHER
PINKERTON ACADEMY
NH, USA

"Spinndle helps the students plan out their projects, stay on task and work through the project to help effectively manage their time."
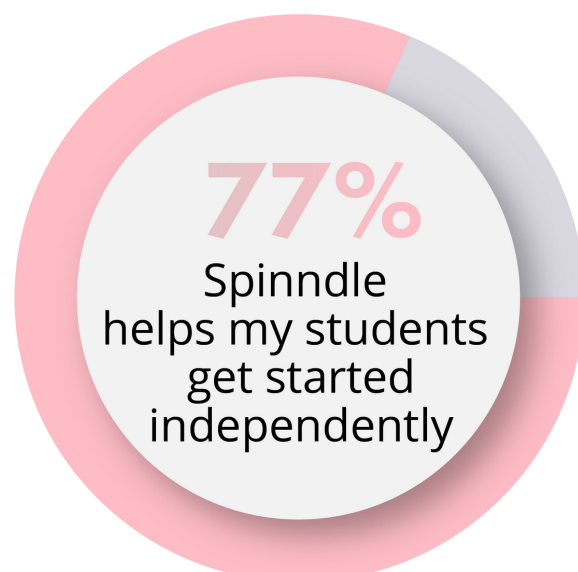
- GRADE 5

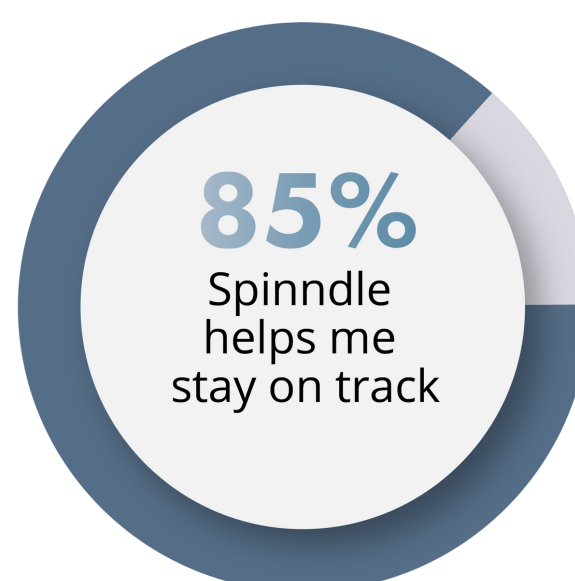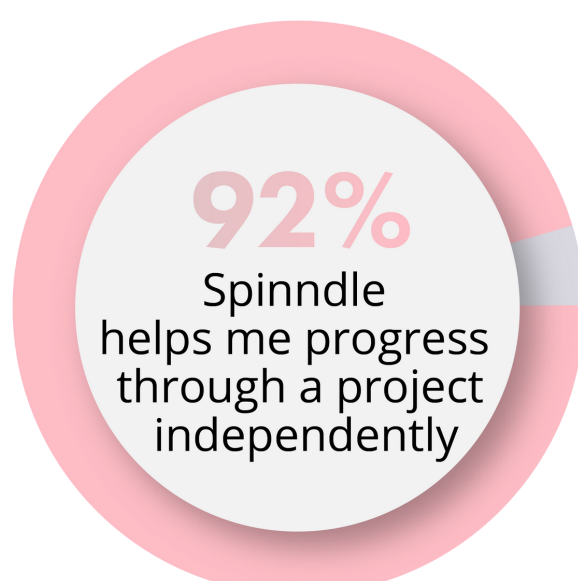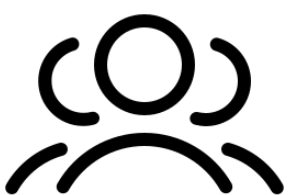ELEMENTARY TEACHER
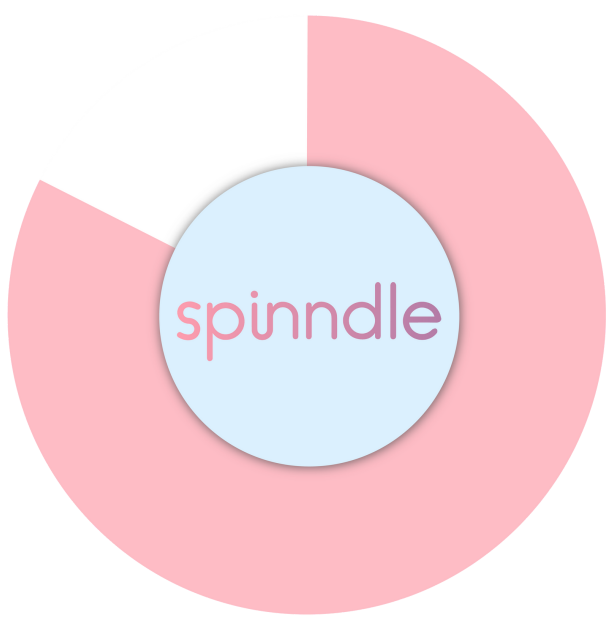BC, CANADA

TEACHERS SAY...

SELF-SUFFICIENCY

77% Spinndle helps my students get started independently

ORGANIZATION

100% Spinndle helps my students with organization and planning

STUDENTS SAY...

92% Spinndle helps me progress through a project independently

85% Spinndle helps me stay on track

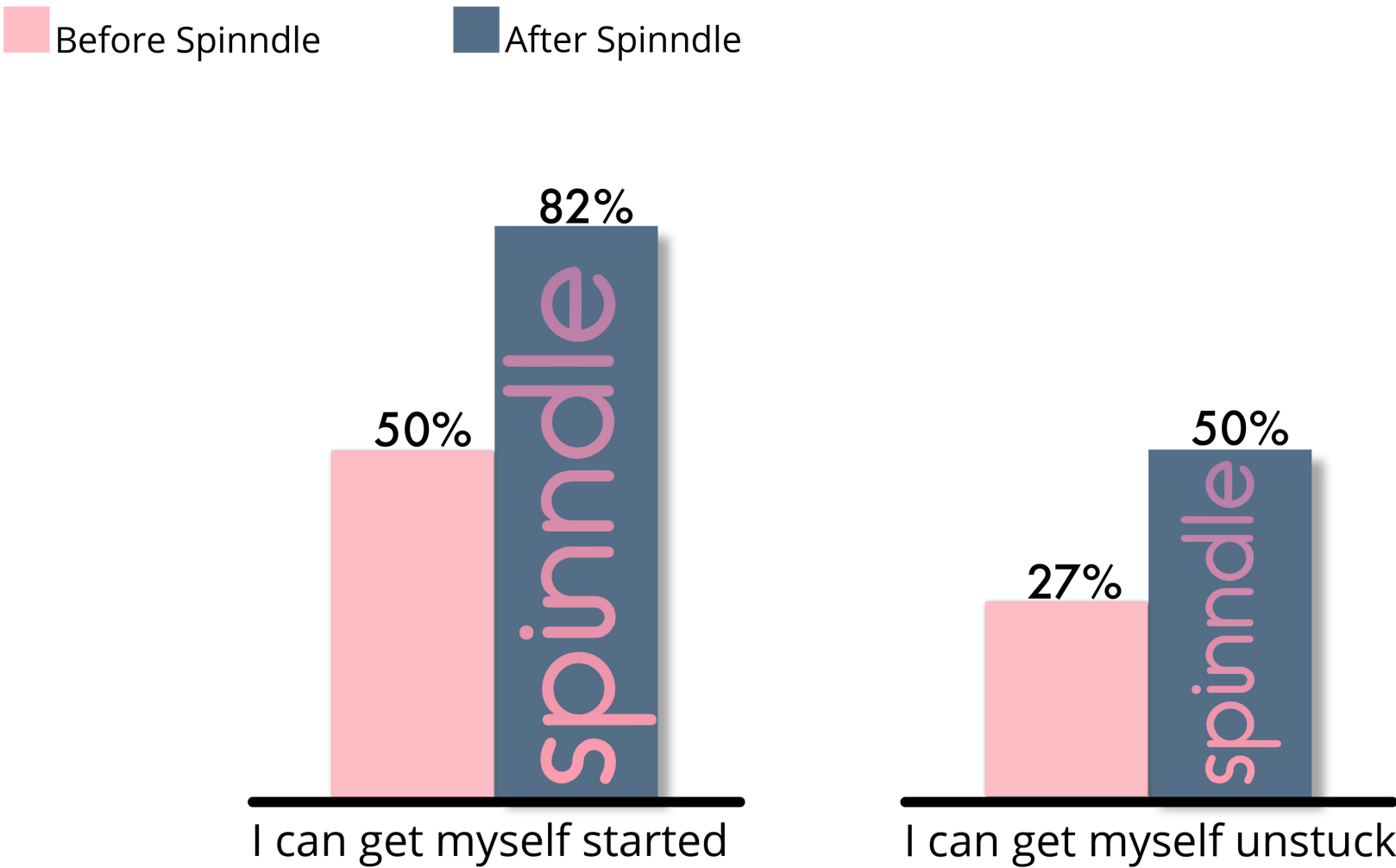spinndle

instill the lifelong learning model

82% of students say Spinndle makes them feel more confident

The traditional learning model taught content and developed skills for a specific career path that could sustain a person until retirement. Today, our rapidly changing economy demands more versatility and adaptability from its workforce. Students must be equipped with a lifelong learning mindset so they are prepared with the necessary skillset to change jobs as required. Spinndle encourages students to be flexible in their thinking, communicate and collaborate in order to continually improve their work, and be responsible self-starters.

SPINNDLE FOSTERS CONFIDENT SELF-STARTERS

student ability to progress without teacher prompting

■ Before Spinndle ■ After Spinndle

82%
50%
spinndle
I can get myself started

50%
27%
spinndle
I can get myself unstuck

"Spinndle helped me understand my learning progress, what I need to work on, and what I do well."

-ELEMENTARY SCHOOL STUDENT

SPINNDLE FOSTERS PEER COLLABORATION

student willingness to work with classmates

■ Before Spinndle ■ After Spinndle

73%
27%
spinndle
My classmates helped me get started

55%
14%
spinndle
My classmates helped me get unstuck

Spinndle helps me if I'm lost or need more ideas for my project.

- MIDDLE SCHOOL STUDENT
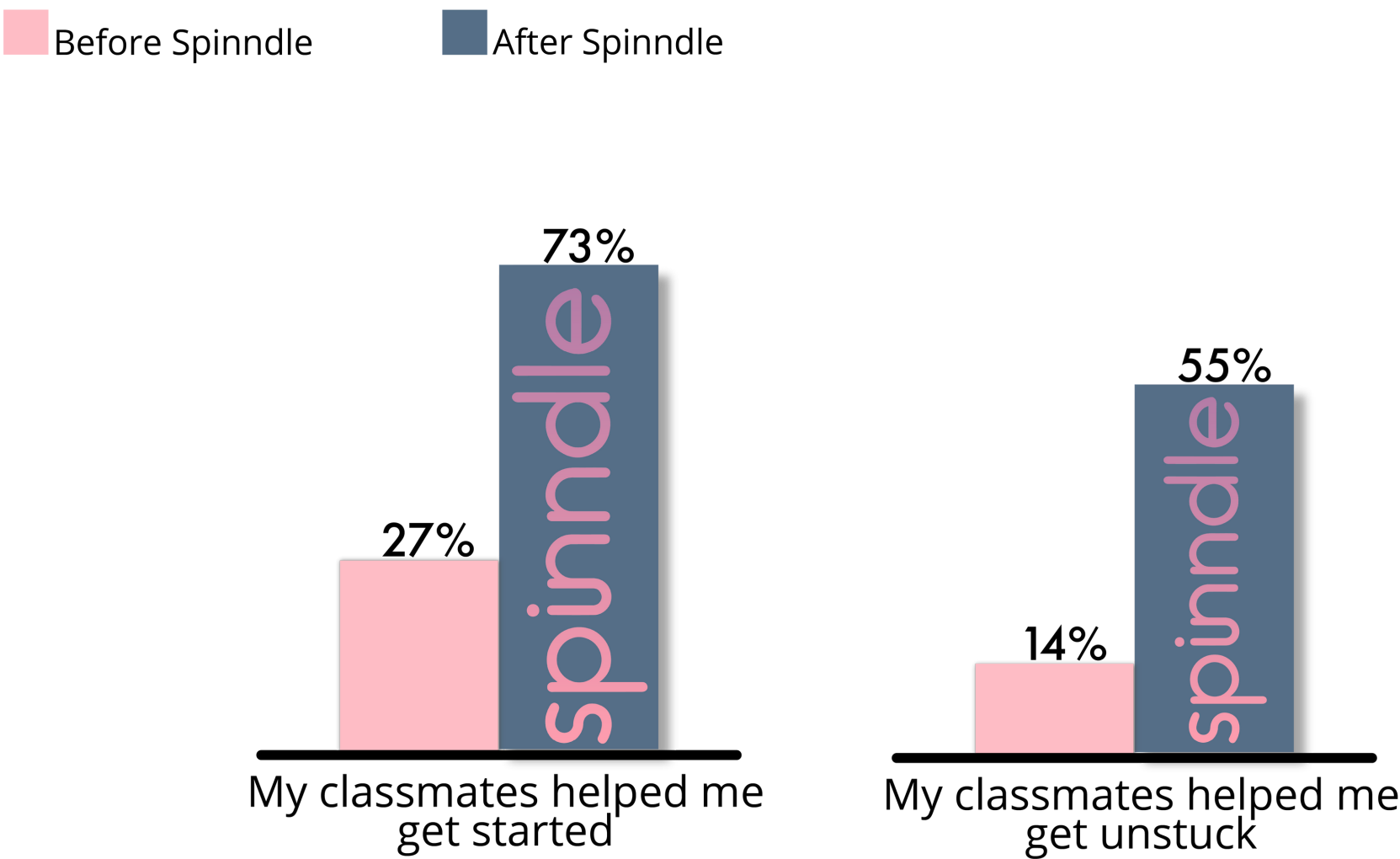
It is a great tool to help students with time management and a great way for them to show their independence while receiving help.

- HIGH SCHOOL STUDENT

spinndle