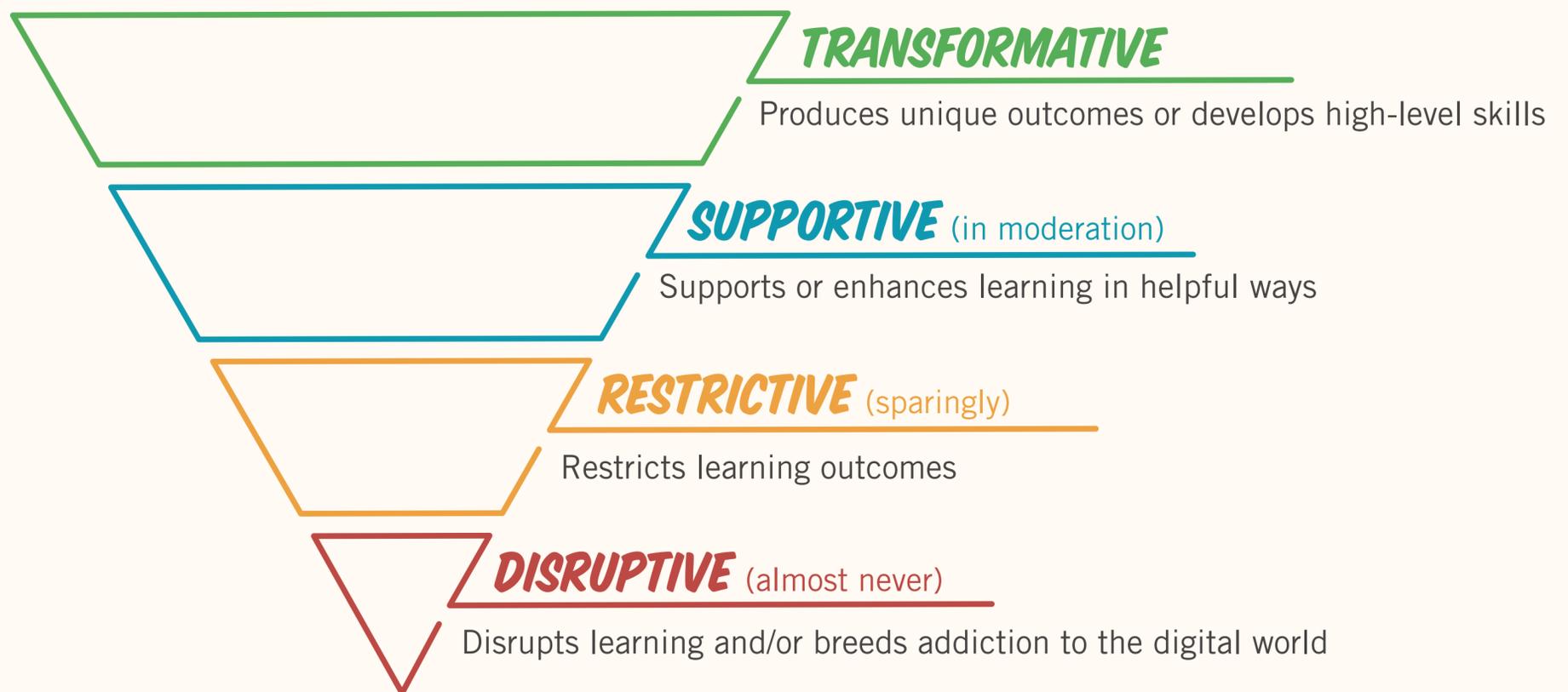


# THE EDTECH TRIANGLE

This framework is a research-based synthesis of the EdTech practices, tools, and skills that optimize learning, support well-being, and protect against some of tech's negative outcomes. EdTech can be powerful in the classroom, and it should be used in line with current research.



**TRANSFORMATIVE:** Robotics, coding, computational thinking, computer animation, website design, graphic design, advanced photo, video, or music editing, spreadsheet creation, digital citizenship, any tech that helps students with special needs.

**SUPPORTIVE:** Online resources such as images or articles not available to students in print, supplementary videos such as documentaries or TED Talks, limited use of virtual reality, keyboarding, moderate but purposeful posts by teachers used to update parents on student work via sharing platforms.

**RESTRICTIVE:** E-texts in place of print, prioritizing typing over handwriting (except in final work), using software or applications that have already been mastered by the student (such as taking pictures with a tablet), points-based learning games, overcomplicated tech use by teachers.

**DISRUPTIVE:** Tech rewards, tech choice during free time, tech for tech's sake, unrestricted access to cell phones during school hours, needless screen-based homework assignments, any platform that exposes students to age-inappropriate content or bullying, too much tech.\*

## SCREEN TIME LIMIT RECOMMENDATIONS

\*Tech use is not imperative for academic success, and The EdTech Triangle does not endorse a minimum amount of tech use per grade. Moreover, all types of screen-based EdTech (even Transformative) can isolate students from their teachers or peers. As such, and in order for students to develop skills in collaboration, empathy, and critical thinking, screen time limits should be followed.



|       |                   |      |               |
|-------|-------------------|------|---------------|
| Pre-K | 0 mins            | 6th  | 0-40 mins/day |
| K     | 0-20 mins 2x/week | 7th  | 0-50 mins/day |
| 1st   | 0-20 mins/day     | 8th  | 0-50 mins/day |
| 2nd   | 0-20 mins/day     | 9th  | 0-60 mins/day |
| 3rd   | 0-30 mins/day     | 10th | 0-60 mins/day |
| 4th   | 0-30 mins/day     | 11th | 0-70 mins/day |
| 5th   | 0-40 mins/day     | 12th | 0-70 mins/day |