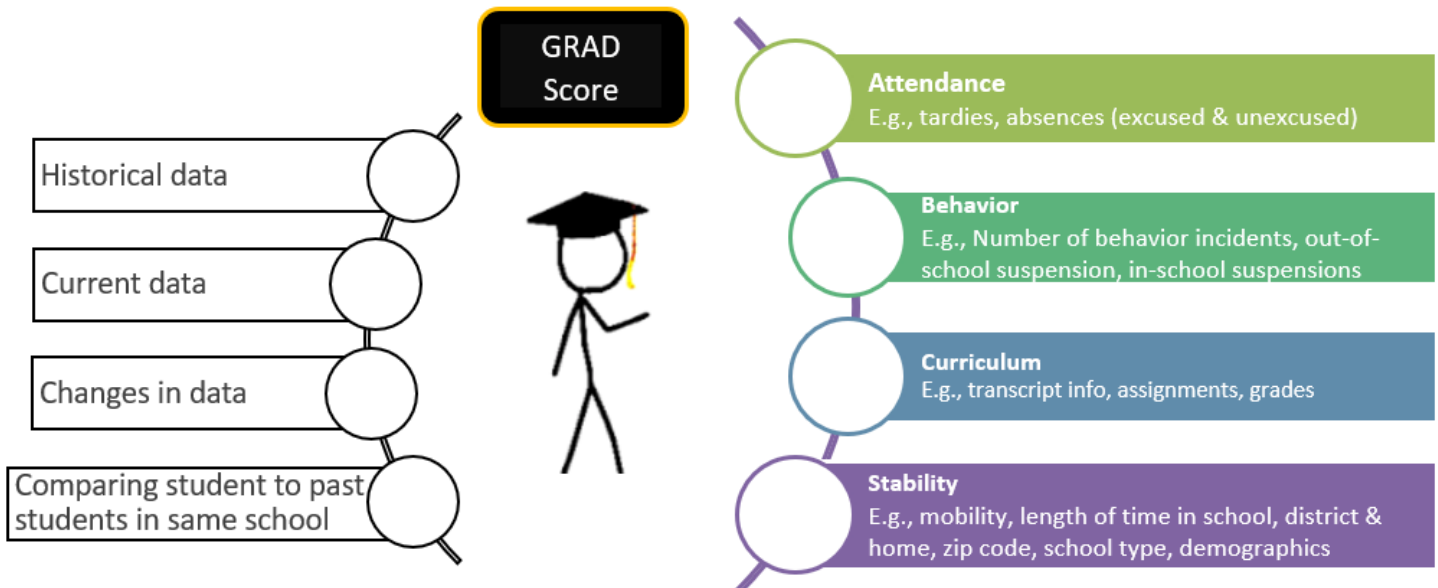


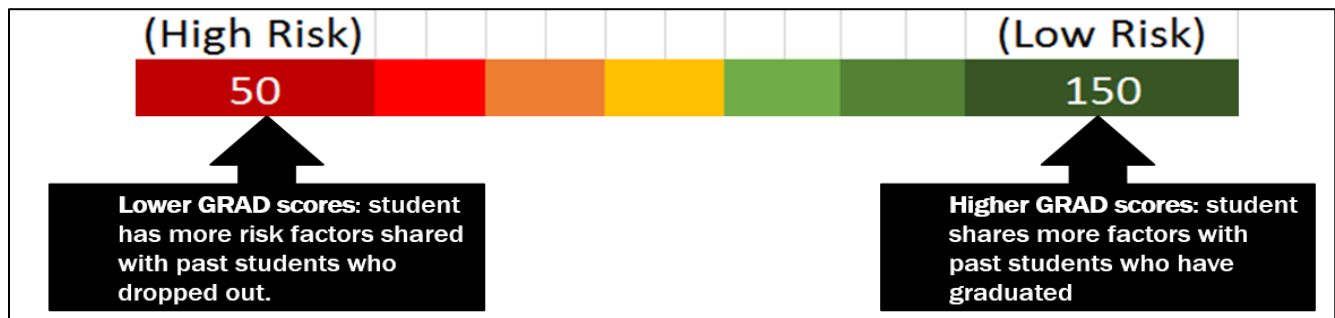
## Early Warning Tool Overview

The Campus Early Warning system is a powerful tool that evaluates each student's educational record as it relates to successful promotion to the next grade, and likelihood of graduation for grades K-12. It offers a quick way to identify students at risk in various categories. The Early Warning system uses machine learning based on past students' outcomes within each school with a large number of data points across multiple years. The tool is highly sensitive and picks up on changes in student records (e.g., changes in household composition) that may increase risk. This tool includes many features that can be helpful for various role groups at district, school, and individual levels and is highly visual, interactive and easy to use.

### Early Warning Framework



### GRAD Score Scale (Similar to a credit score – the higher the better!)



### Three Key Scores:

- **GRAD Score** (Graduation Related Alytic Data) score summarizes a student's educational record with a single number indicating a student's likelihood of graduating or being promoted to next grade level.
- **Independent Category** uses data from only a subset related to a single category (e.g., attendance, behavior, curriculum, stability) that can be used for ranking student risk in that category alone.
- **Category Impact:** Intended to forecast how much an intervention in a category would change the GRAD score based on historical data and other students in the same situation (school, history, data, past dropout, etc.).

**IC Pathway:** Student Information → Counseling → Early Warning *[All users need at least R(ead) tool rights for access]*

**Resources:** See KDE Persistence to Graduation Early Warning webpage for videos and technical resources.

