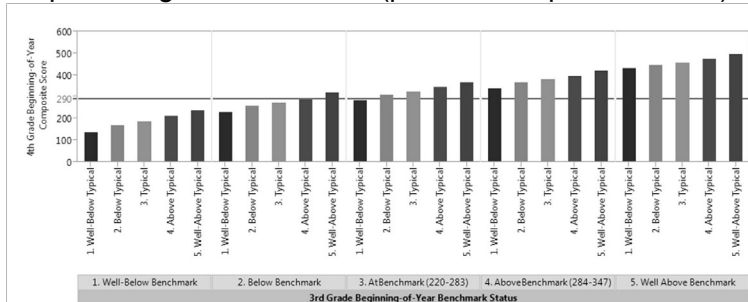




Pathways of Progress™ Matter

- We know that the level of skills for a student at the beginning of the year is an important predictor of their end of year outcome (partial eta squared = 71%).
- Pathways of Progress contributes to initial skills in predicting later outcomes (partial eta squared = 17%).



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Three Guiding Principles in Establishing Individual Student Learning Goals

- ▶ **Meaningful.**
 - Goals should support students to achieve meaningful outcomes or increase the likelihood of achieving meaningful and important outcomes.
- ▶ **Ambitious.**
 - Above typical** or **well above typical** progress are ambitious goals.
 - Typical progress** may be sufficient for students who are at or above benchmark
 - Typical progress** *may not be adequate* for students who are likely to need additional support to achieve benchmark goals.
 - Below typical** or **well below typical** progress are just not very ambitious.
- ▶ **Attainable.**
 - High in the well above typical range is probably not attainable.
 - Typical and above typical progress is readily attainable.
 - Well below typical and below typical progress may be attainable, but are not ambitious or meaningful.

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Considerations in Establishing Student Learning Goals

DIBELS Next informed considerations:

- ▶ What rate of progress is *above typical* progress compared to other students with similar initial skills?
- ▶ What rate of progress is necessary to *narrow the achievement gap* with students making adequate progress?
- ▶ What rate of progress is necessary to achieve important *benchmark goals*.
- ▶ What rate of progress is necessary to *reduce risk and increase the odds* of achieving subsequent goals.

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Considerations in Establishing Student Learning Goals

Other considerations:

- ▶ What rate of progress is possible with a very effective, research based intervention?
- ▶ What resources are available to support instruction and intervention?
- ▶ What is the student attendance pattern?

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Pathways of Progress™ Analysis

Pathways of Progress™ depend on the level of initial skills.

Emphasizes the outcome or the end point of the Pathway of Progress™.

Pathways of Progress™ provide a normative framework for comparison in setting goals and evaluating individual student progress.

- ▶ 80th percentile and above: Well Above Typical
- ▶ 60th to 79th percentile: Above Typical
- ▶ 40th to 59th percentile: Typical
- ▶ 20th to 39th percentile: Below Typical
- ▶ Below 20th percentile: Well Below Typical

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Pathways of Progress™ Descriptors

Pathway Descriptor	Pathway Number	Progress Descriptor	Progress Percentile Range
★★★★★	5	WELL ABOVE TYPICAL	80th percentile and above
★★★★☆	4	ABOVE TYPICAL	60th to 79th percentile
★★★☆☆	3	TYPICAL	40th to 59th percentile
★★☆☆☆	2	BELOW TYPICAL	20th to 39th percentile
★☆☆☆☆	1	WELL BELOW TYPICAL	Below 20th percentile

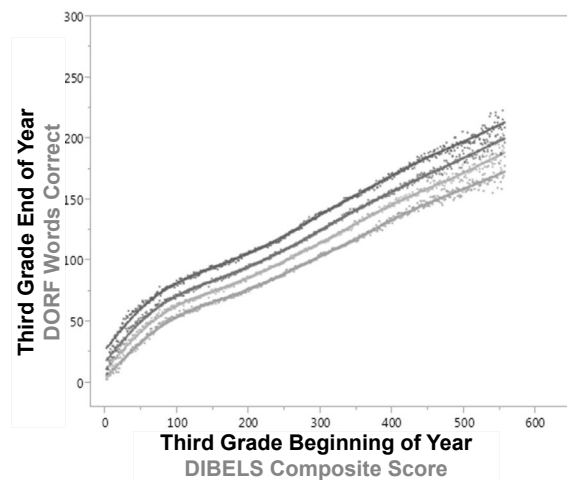
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Student Growth Percentile Spline Quantile Regressions



Based on 283,673 students with beginning of year DIBELS Composite scores and end of year DORF Words Correct.

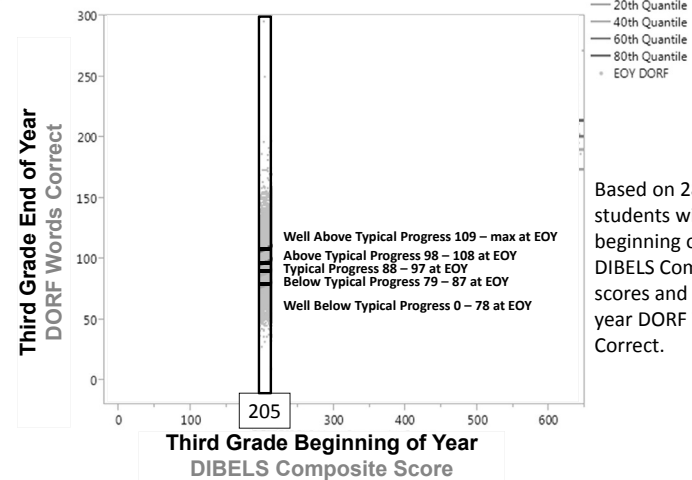
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Pathways of Progress™: Spline Quantile Regressions

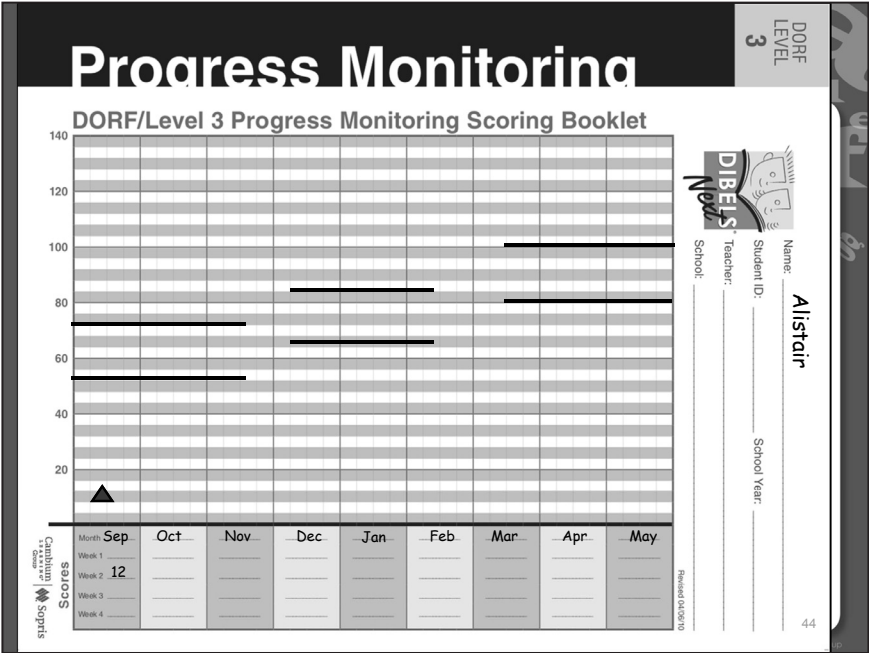
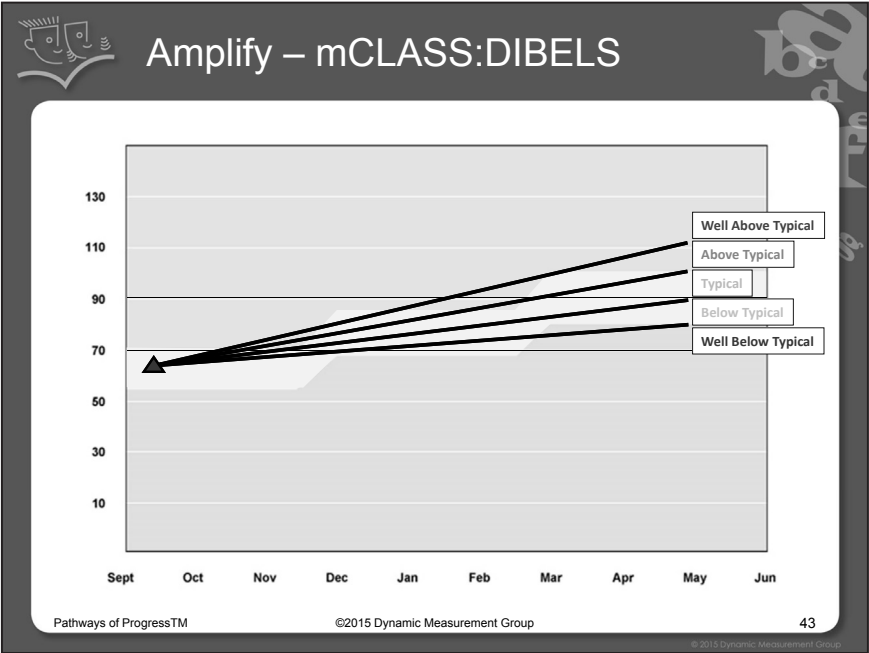
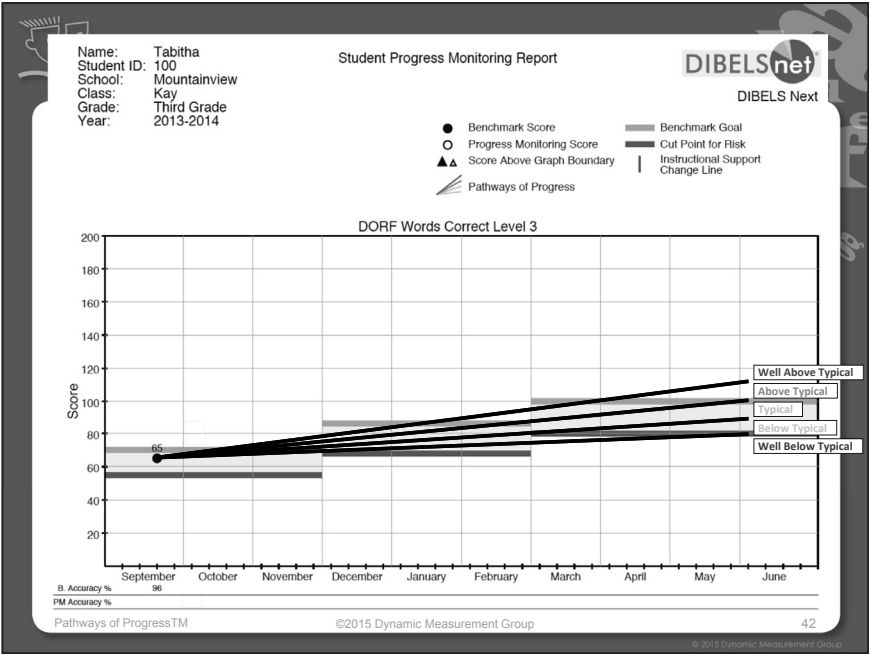
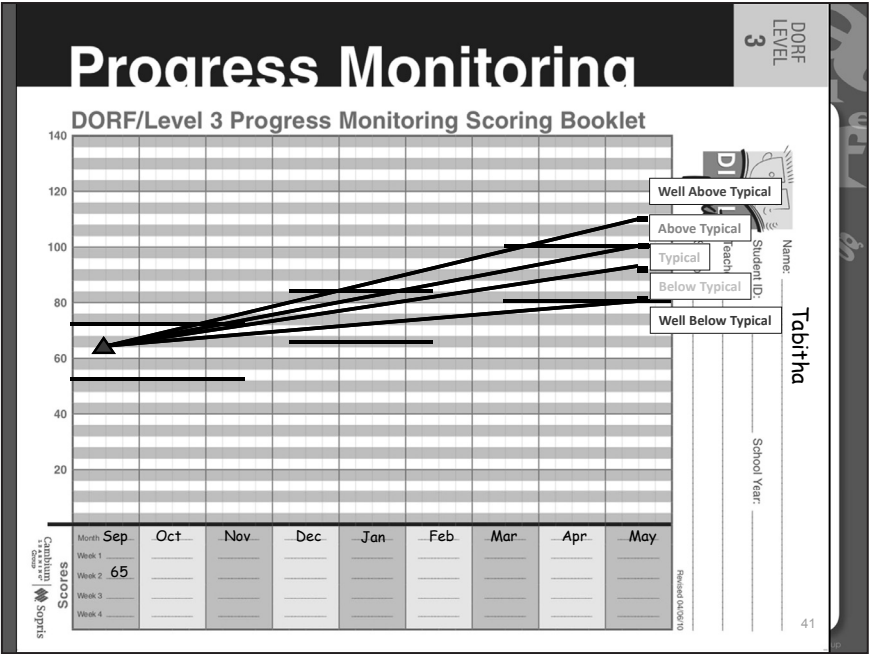


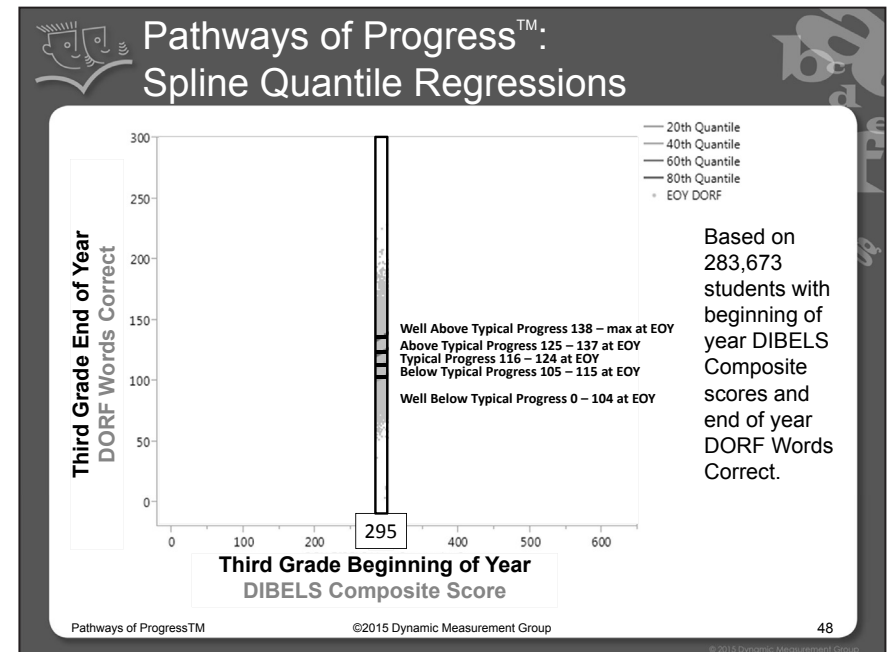
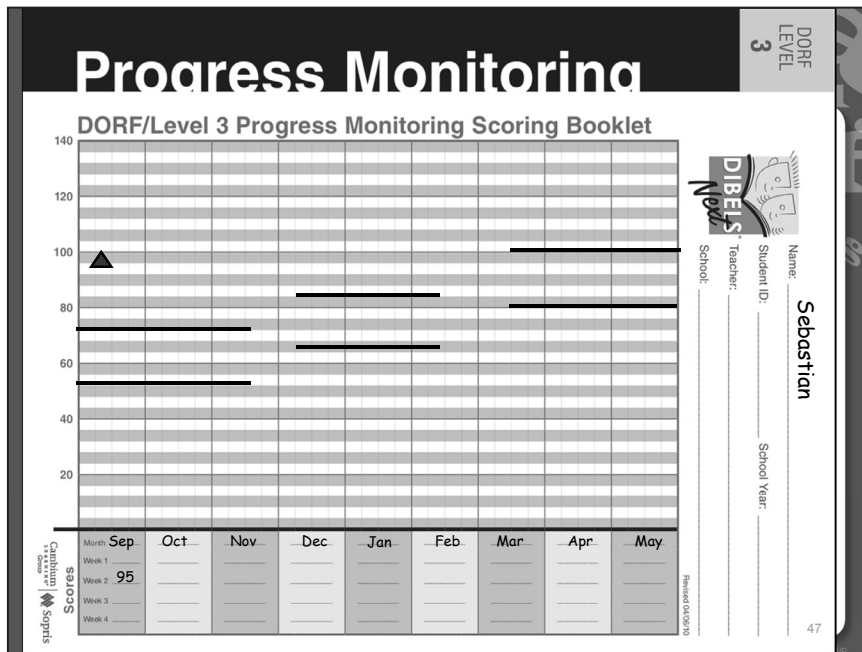
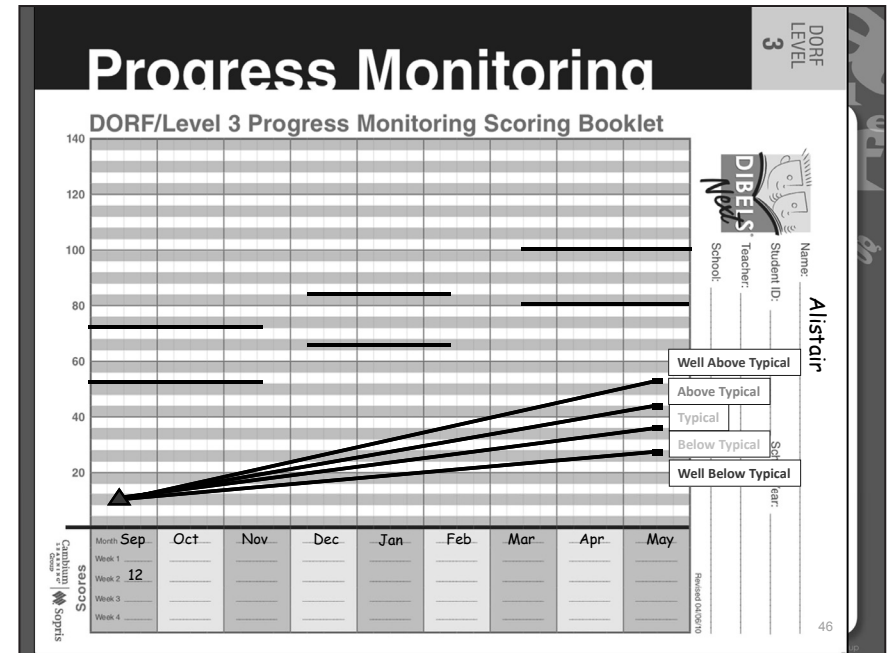
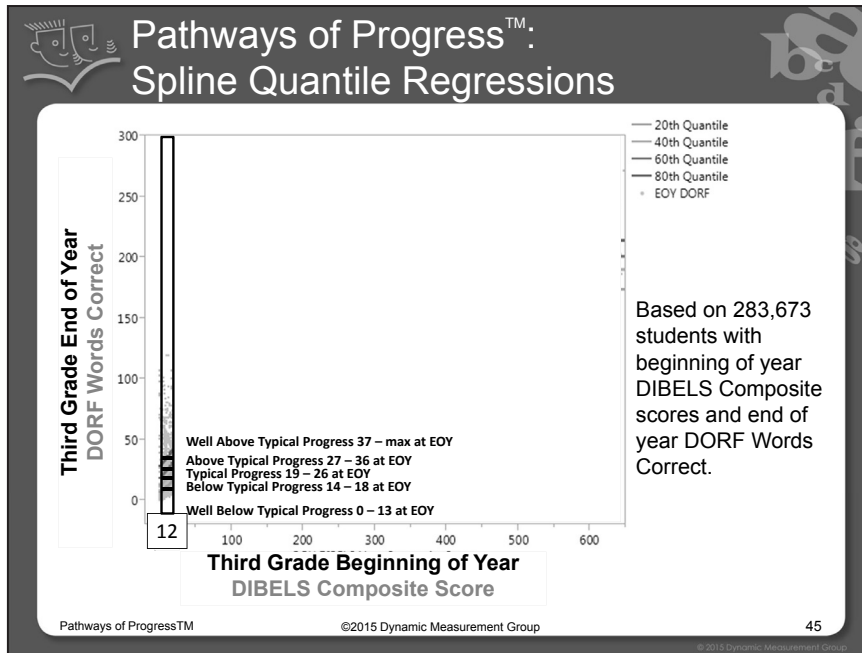
Based on 283,673 students with beginning of year DIBELS Composite scores and end of year DORF Words Correct.

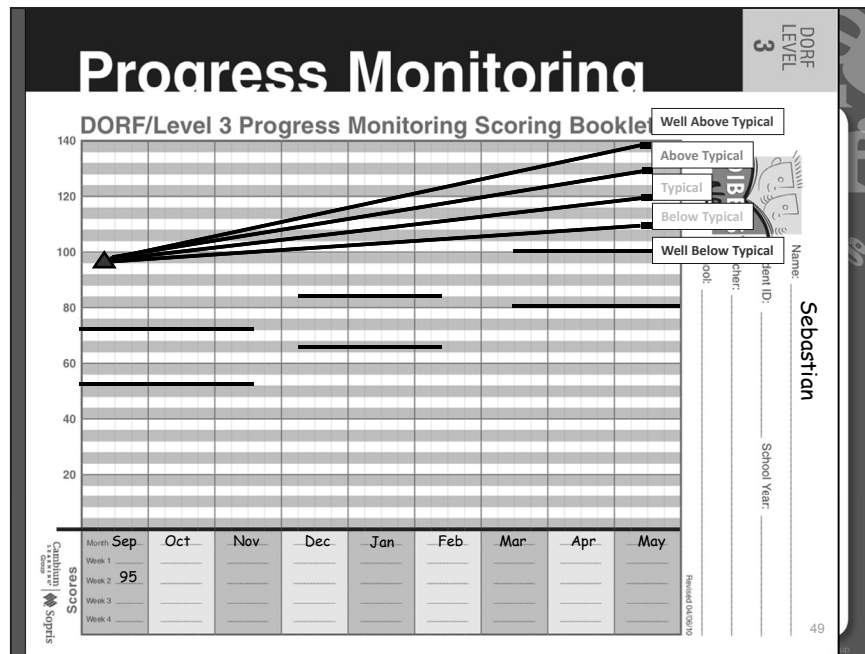
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Read the Graph Activity for Michelle

Review Michelle's progress monitoring graph and answer the following questions:

- At the beginning of the year, Michelle obtained how many Words Correct on DORF? _____
- Each horizontal line on the graph corresponds approximately to how many Words Correct? _____
- From the graph, the end of year benchmark goal for Words Correct is about _____
- If Michelle makes typical progress her end of year skills will be _____
- Michelle's teacher would like to set a goal for Michelle to achieve the end of year benchmark goal for Words Correct by the second week of May. Which Pathway of Progress would Michelle need to follow to attain that goal? _____
- In Week 1 of February, Michelle obtained 60 Words Correct. Put her score in the Scores section and plot her score on the graph.
- In Week 1 of February, what Pathway of Progress is Michelle following? _____

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