



EXPECTED GROWTH

How do we know?

March 2013



ACCESS Growth Principle

○ Lower is faster

○ ...the lower the student's language proficiency, the faster they are expected to progress

○ Higher is slower

○ ...the higher the student's language proficiency, the slower they are expected to progress

EXPECTED GROWTH CHART



WIDA has developed an approximate expected language proficiency growth chart based on ACCESS scores from across the Consortium.

Percentile Rank: a statistic that represents the point on a normal distribution curve at or below which a certain percentage of scores fall.

Scale Score: a mathematical transformation of a raw score. Scaled scores represent an estimate of student performance and are not bound to specific forms of tests.

Growth: an increase in student performance over (at a minimum) two academic years.

Proficiency Level: are socially constructed opinions of student performance.

Content Cluster: are scores that represent a student's performance within a specific content area.

Cluster: the grouping of academic grades for comparative purposes.



Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from year 1
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - Year 2 – Year 1 = # of points of Growth
- Find the Proficiency Level from YEAR 1
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

Scores from two consecutive years

WIDA CONSORTIUM *ACCESS for ELLs* English Language Proficiency Test
Teacher Report - 2009

Student Group Name: [Blank] Student ID: [Blank]
School Name: [Blank] School ID: [Blank] School ID: [Blank]
Grade: [Blank] Year: [Blank] Grade Level Cluster: [Blank] Birth Date: [Blank]

Report Assumptions: This report provides information regarding the results of oral and written English language proficiency for students for assessed. Each language is used to demonstrate the student's proficiency. Students' language is used to demonstrate the student's oral and written English language proficiency. This report can be used to monitor progress from year to year and to help determine instructional strategies by content area and standards. This report is the WIDA Consortium's English Language Proficiency Test Report. For more information on the meaning and use of these scores, see the website: www.wida-usd.org for the most current information.

Student's level of English proficiency by language domain

Language Domain	Score	Confidence Band					Proficiency Level
		1	2	3	4	5	
Listening	240						1.0
Speaking	240						1.0
Reading	243						1.0
Writing	243						1.0
Self-Direction	243						1.0
Language Use	243						1.0
Communication	243						1.0
Overall Score / Composite	243						1.0

Student's performance by WIDA English language proficiency standards

EMPATHY (Listening and Speaking)

English Language Proficiency Standard	# of Items	Total # of Items
EMPATHY (Listening)	10	10
EMPATHY (Speaking)	10	10
EMPATHY (Total)	20	20

EMPATHY (Reading and Writing)

English Language Proficiency Standard	# of Items	Total # of Items
EMPATHY (Reading)	10	10
EMPATHY (Writing)	10	10
EMPATHY (Total)	20	20

WIDA LARS

English Language Proficiency Standard	Listening		Speaking		Reading		Writing	
	Score	Level	Score	Level	Score	Level	Score	Level
EMPATHY (Listening)	240	1.0	240	1.0	243	1.0	243	1.0
EMPATHY (Speaking)	240	1.0	240	1.0	243	1.0	243	1.0
EMPATHY (Reading)	243	1.0	243	1.0	243	1.0	243	1.0
EMPATHY (Writing)	243	1.0	243	1.0	243	1.0	243	1.0
EMPATHY (Total)	243	1.0	243	1.0	243	1.0	243	1.0

Assessment of Proficiency Levels

1.0 - Emerging Proficiency
2.0 - Developing Proficiency
3.0 - Basic Proficiency
4.0 - Intermediate Proficiency
5.0 - Advanced Proficiency

2010 - 2011

WIDA CONSORTIUM *ACCESS for ELLs* English Language Proficiency Test
Teacher Report - 2009

Student Group Name: [Blank] Student ID: [Blank]
School Name: [Blank] School ID: [Blank] School ID: [Blank]
Grade: [Blank] Year: [Blank] Grade Level Cluster: [Blank] Birth Date: [Blank]

Report Assumptions: This report provides information regarding the results of oral and written English language proficiency for students for assessed. Each language is used to demonstrate the student's proficiency. Students' language is used to demonstrate the student's oral and written English language proficiency. This report can be used to monitor progress from year to year and to help determine instructional strategies by content area and standards. This report is the WIDA Consortium's English Language Proficiency Test Report. For more information on the meaning and use of these scores, see the website: www.wida-usd.org for the most current information.

Student's level of English proficiency by language domain

Language Domain	Score	Confidence Band					Proficiency Level
		1	2	3	4	5	
Listening	240						1.0
Speaking	240						1.0
Reading	243						1.0
Writing	243						1.0
Self-Direction	243						1.0
Language Use	243						1.0
Communication	243						1.0
Overall Score / Composite	243						1.0

Student's performance by WIDA English language proficiency standards

EMPATHY (Listening and Speaking)

English Language Proficiency Standard	# of Items	Total # of Items
EMPATHY (Listening)	10	10
EMPATHY (Speaking)	10	10
EMPATHY (Total)	20	20

EMPATHY (Reading and Writing)

English Language Proficiency Standard	# of Items	Total # of Items
EMPATHY (Reading)	10	10
EMPATHY (Writing)	10	10
EMPATHY (Total)	20	20

WIDA LARS

English Language Proficiency Standard	Listening		Speaking		Reading		Writing	
	Score	Level	Score	Level	Score	Level	Score	Level
EMPATHY (Listening)	240	1.0	240	1.0	243	1.0	243	1.0
EMPATHY (Speaking)	240	1.0	240	1.0	243	1.0	243	1.0
EMPATHY (Reading)	243	1.0	243	1.0	243	1.0	243	1.0
EMPATHY (Writing)	243	1.0	243	1.0	243	1.0	243	1.0
EMPATHY (Total)	243	1.0	243	1.0	243	1.0	243	1.0

Assessment of Proficiency Levels

1.0 - Emerging Proficiency
2.0 - Developing Proficiency
3.0 - Basic Proficiency
4.0 - Intermediate Proficiency
5.0 - Advanced Proficiency

2009 - 2010

Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from YEAR 1
- Find the Proficiency Level from YEAR 1
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - Year 2 – Year 1 = # of points of Growth
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

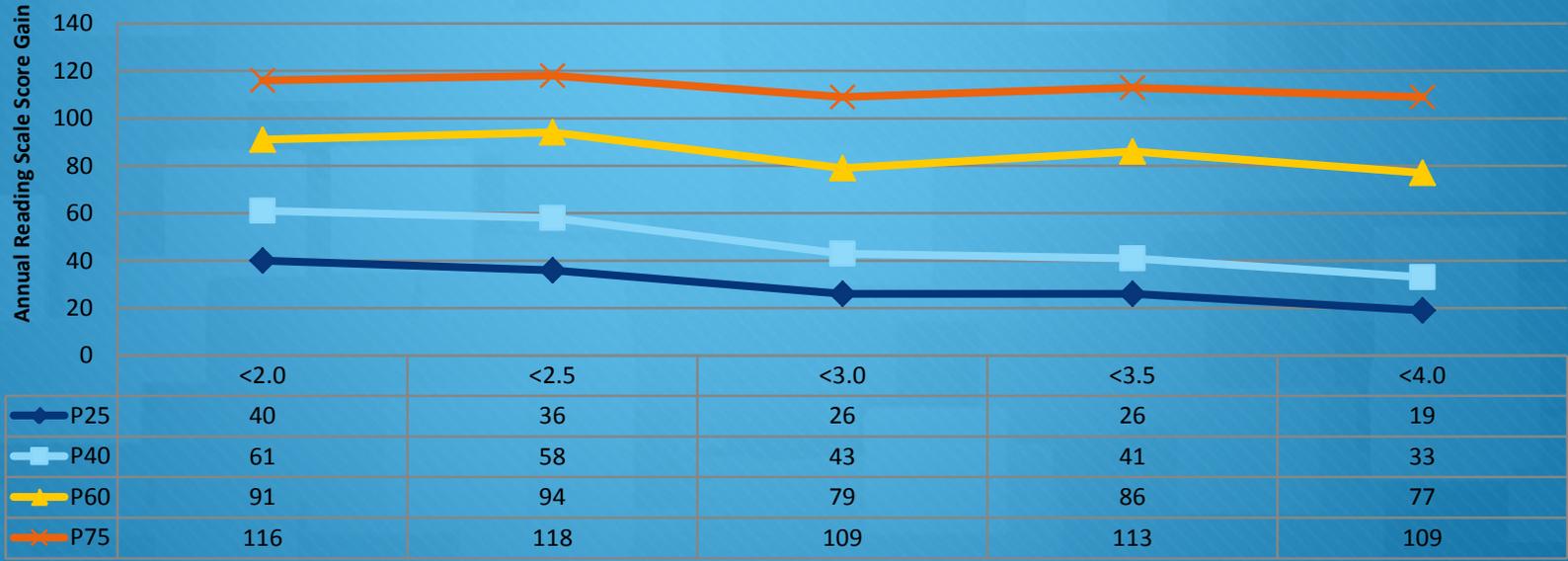
Reading Grade Span 1-2

Student	2010 – 2011 Reading	2009 – 2010 Reading		
Francesco	506	436		
Silvia	417	397		
Giada	489	372		

2009 – 2010 Growth Chart

1st – 2nd Grade Reading

ACCESS for ELLs Percentile Growth for
1st-2nd Grade-Reading



Starting Reading Proficiency Level



Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from year 1
- **Find the Proficiency Level from YEAR 1**
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - Year 2 – Year 1 = # of points of Growth
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

Reading Grade Span 1-2

Student	2010 – 2011 Reading	2009 – 2010 Reading		Proficiency Level 2009 - 2010
Francesco	506	436		2.8
Silvia	417	397		4.0
Giada	489	372		3.1

Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from year 1
- Find the Proficiency Level from YEAR 1
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - Year 2 – Year 1 = # of points of Growth
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

How do we calculate growth?



Reading Grade Span 1-2

Student	2010 – 2011 Reading	2009 – 2010 Reading	# Growth Points	Proficiency Level 2009 - 2010
Francesco	506	436	70	2.8
Silvia	417	397	20	4.0
Giada	489	372	117	3.1

YEAR 2 -- **YEAR 1** = **Growth Points**
2010-2011 - 2009 - 2010

Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from year 1
- Find the Proficiency Level from YEAR 1
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - $\text{Year 2} - \text{Year 1} = \# \text{ of points of Growth}$
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

Reading Grade Span 1-2

Student	2010 – 2011 Reading	2009 – 2010 Reading	# Growth Points	Proficiency Level 2009 - 2010
Francesco	506	436	70	2.8
Silvia	417	397	20	4.0
Giada	489	372	117	3.1

Vertical
axis

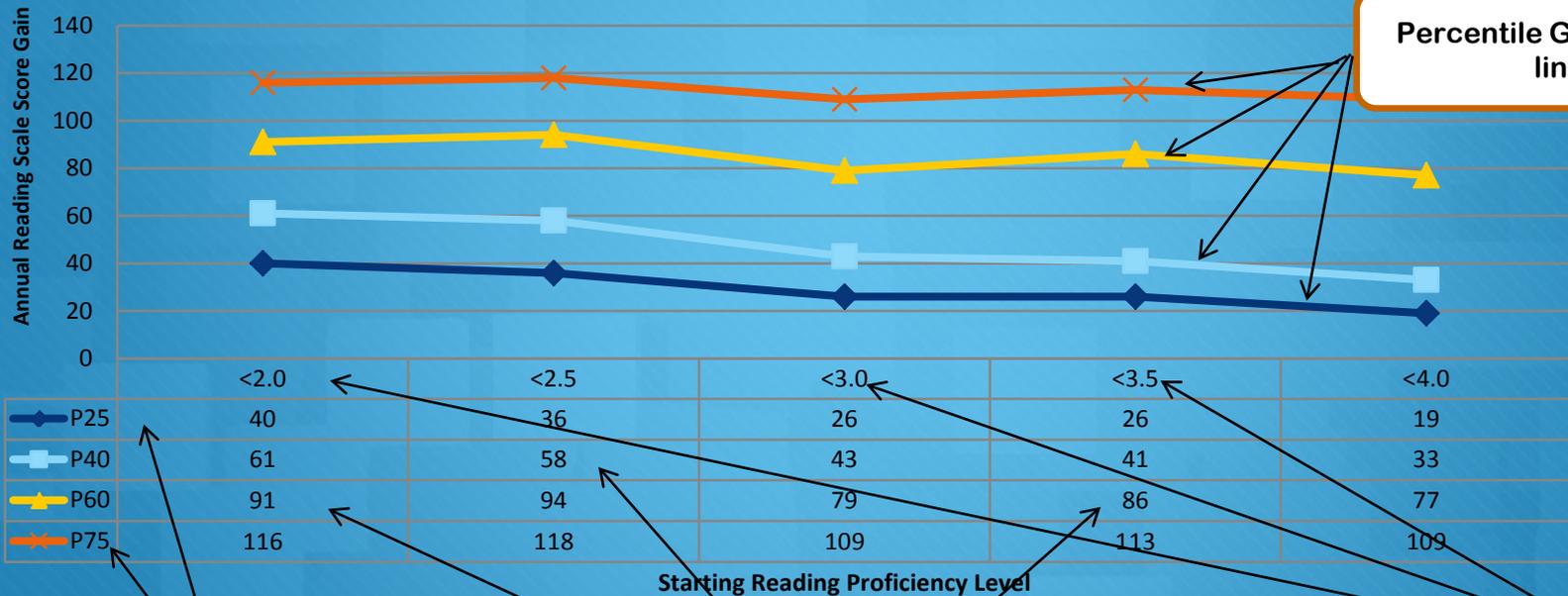
Horizontal
axis

Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from year 1
- Find the Proficiency Level from YEAR 1
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - $\text{Year 2} - \text{Year 1} = \# \text{ of points of Growth}$
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

How to read growth charts

ACCESS for ELLs Percentile Growth for 1st-2nd Grade-Reading



Percentile Growth trend lines

25th, 40th, 60th, and 75th percentile ranks

Growth scores for given percentile ranks

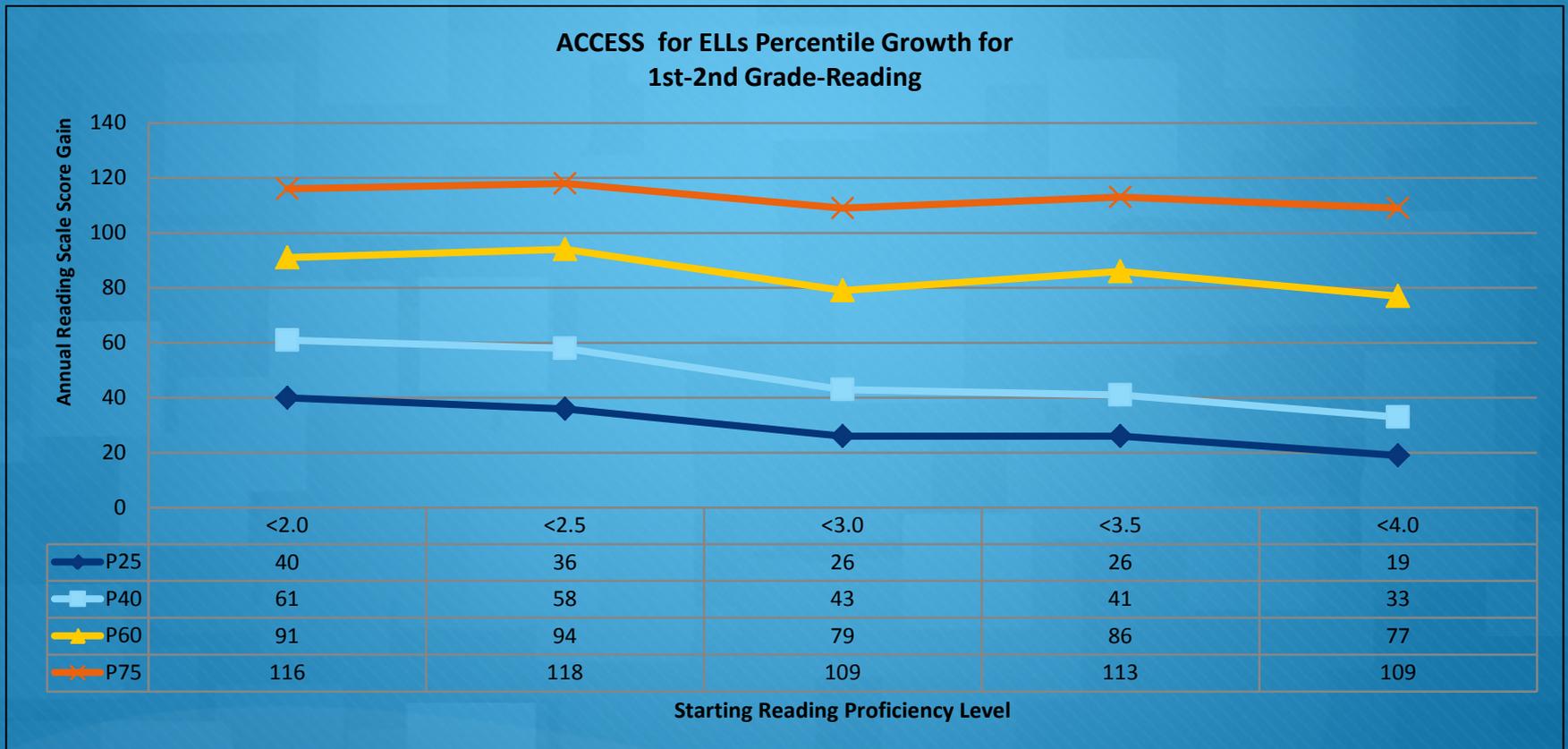
Composite Proficiency Level score bands



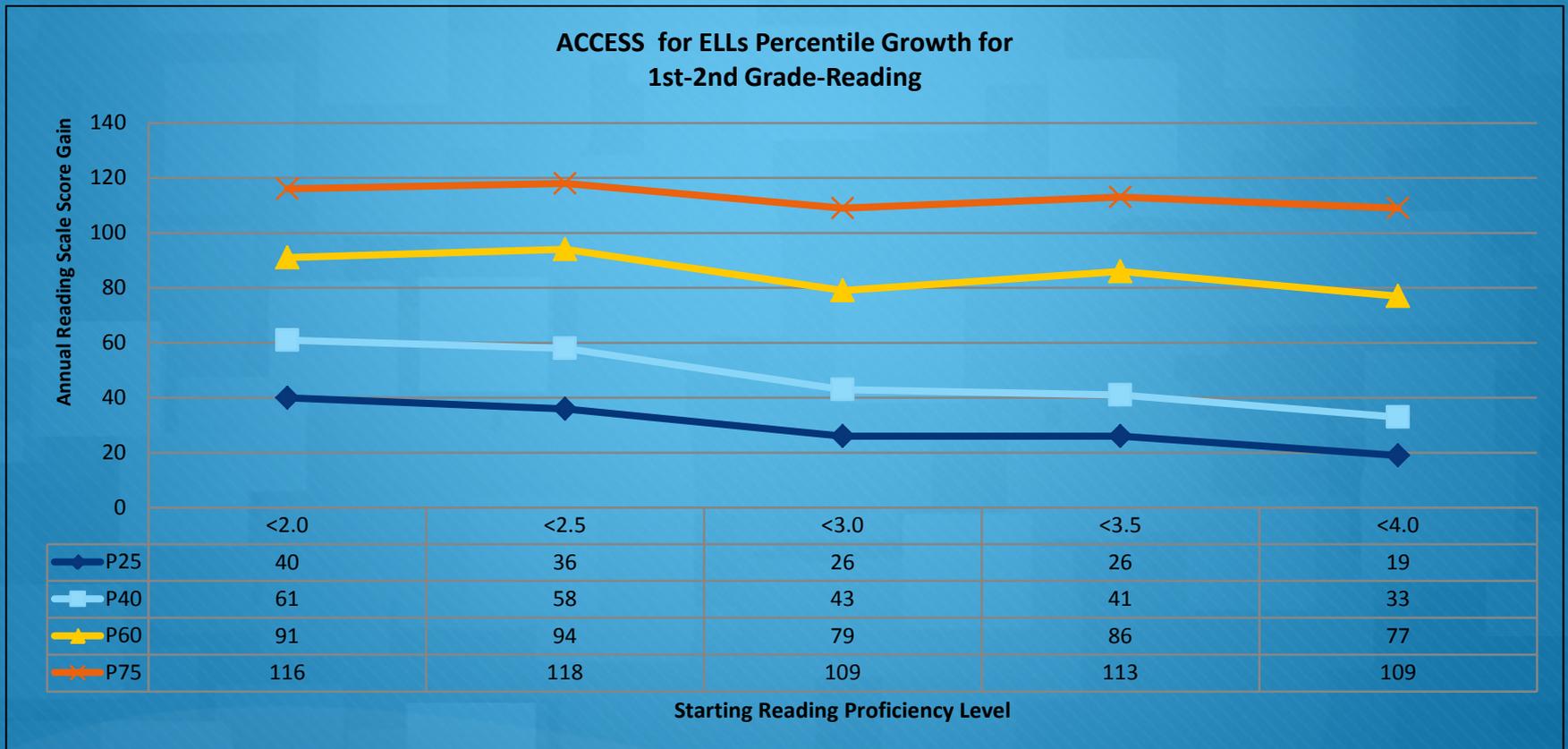
Steps....

- You need student scores from two consecutive years
- Choose a domain and the corresponding growth chart at the student's grade span from year 1
- Subtract the YEAR 1 scale score from the YEAR 2 scale score
 - Year 2 – Year 1 = # of points of Growth
- Find the Proficiency Level from YEAR 1
- Plot the Growth Point on the graph
 - Find the Scale Score on the vertical axis
 - Find the Proficiency Level on the horizontal axis
 - The intersection is Growth Point
- Expected Growth is between 40% and 60%

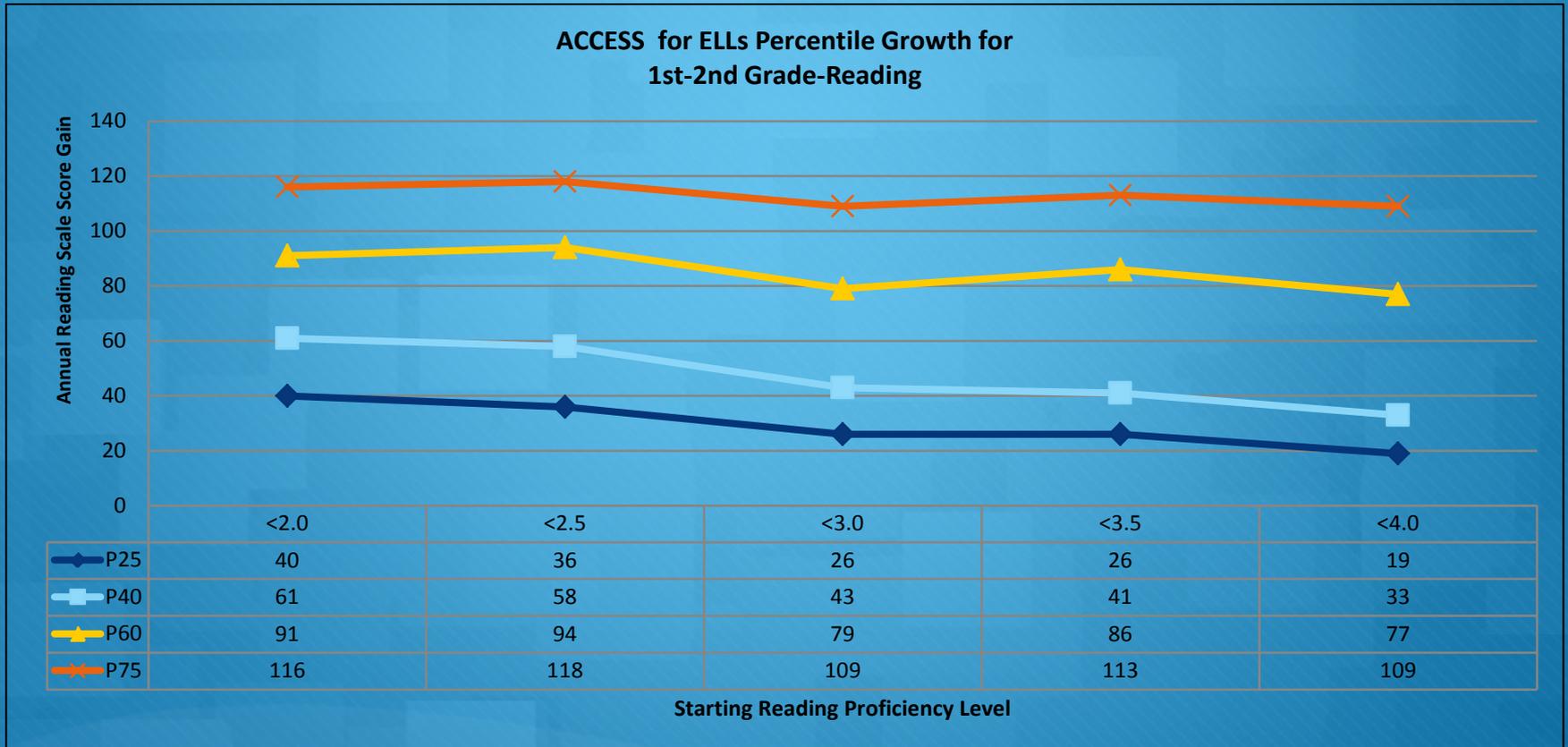
Student	2010 – 2011 Reading	2009 – 2010 Reading	# Growth Points	Proficiency Level 2009 - 2010
Francesco	506	436	70	2.8



Student	2010 – 2011 Reading	2009 – 2010 Reading	# Growth Points	Proficiency Level 2009 - 2010
Silvia	417	397	20	4.0



Student	2010 – 2011 Reading	2009 – 2010 Reading	# Growth Points	Proficiency Level 2009 - 2010
Giada	489	372	117	3.1





Questions and Comments