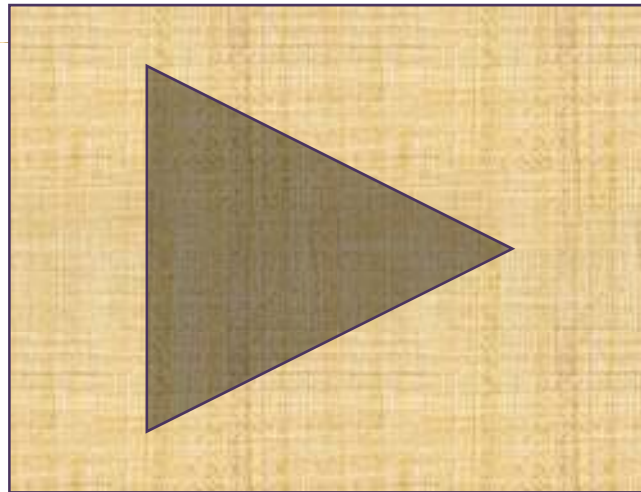


# Designing Elementary School Master Schedules to Enhance Student Achievement

SCHOOL  
SCHEDULING  
ASSOCIATES

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# PROOF



# AGENDA

- ❖ **Reviewing Issues and Goals**
- ❖ **Building the Master Schedule**
- ❖ **Scheduling Encore Classes**
- ❖ **Scheduling Special Services**
- ❖ **Scheduling Time for Intervention and Enrichment (I/E)**
- ❖ **Departmentalizing**
- ❖ **Parallel Block Scheduling**
- ❖ **Extended Planning Blocks for PLC**



I'll be more enthusiastic about  
encouraging thinking outside  
the box when there's evidence  
of any thinking going on  
inside it.

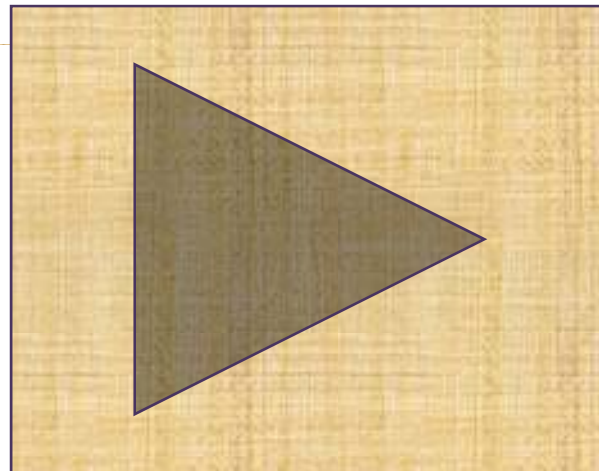
Author Unknown

# ELEMENTARY SCHOOL ISSUES

- ❖ **Time allocation**
- ❖ **Fragmentation: Causes? Encore and special services schedules**
- ❖ **Time for intervention, enrichment, and special services, therefore...**
- ❖ **Common planning time for data analysis, curriculum management, instructional improvement, staff development**



# TIME ALLOCATIONS



# MASTER SCHEDULE GOALS

- ❖ To provide consistency in the elementary instructional day and in the implementation of the district curriculum
- ❖ To protect instructional time for the optimal delivery of both core and encore curricula
- ❖ To provide time for special services (SPED, ESOL, etc.), intervention and enrichment programs within the school day that supports core instruction and accountability requirements
- ❖ To provide daily grade-level planning time for all teachers



# MASTER SCHEDULING STEPS

1. Determine time allocations for all subjects/grade levels.
2. Determine encore rotation.
3. Schedule encore blocks.
4. Begin to schedule academic blocks.
5. Schedule intervention/enrichment (I/E) blocks.
6. Schedule lunch/recess.
7. Steps 3-6 are completed with the "Goals" in mind.





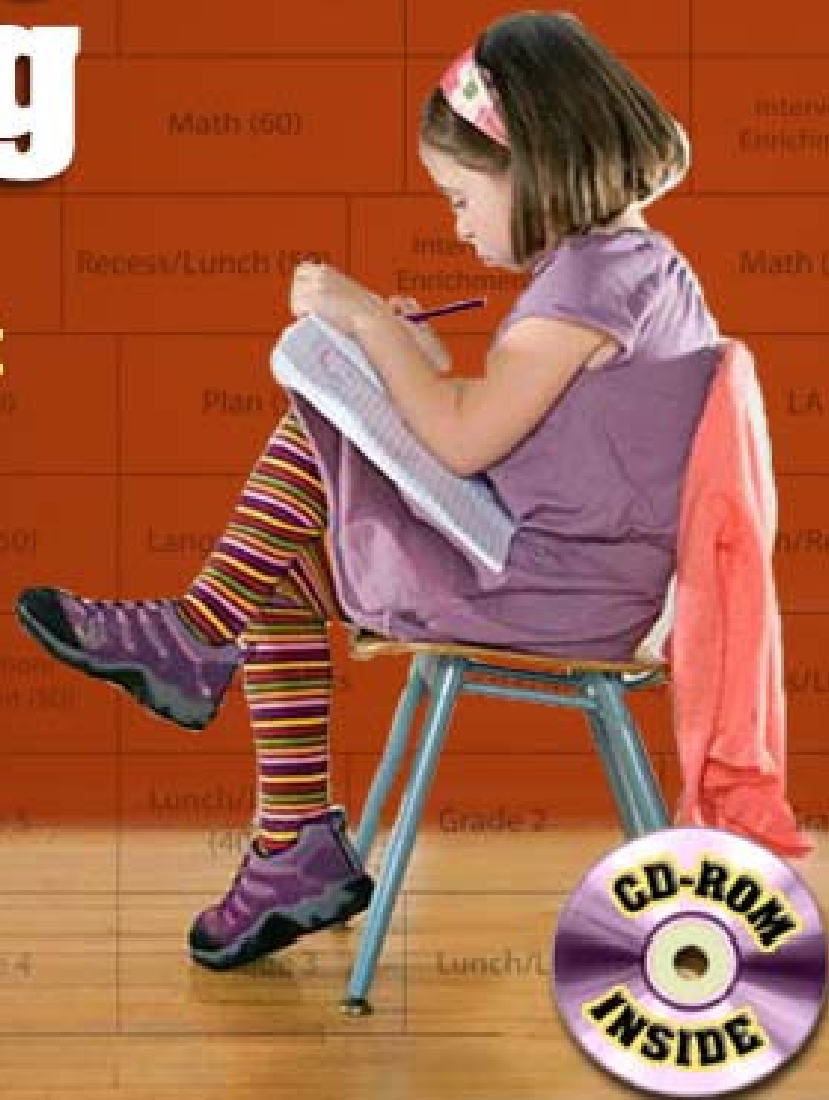
# Elementary School Scheduling

**Enhancing Instruction  
for Student Achievement**

Now available at

[www.eyoneducation.com](http://www.eyoneducation.com).

**Robert Lynn Canady  
Michael D. Rettig**



# Master Block Schedule

(Full-Day Kindergarten)



50 min. Blocks		8:00- 8:50	8:50- 9:40	9:40- 10:30	10:30- 11:20	11:20- 12:10	12:10- 1:00	1:00- 1:50	1:50- 2:40
Kind.		Core	Core	I/E	L/R	Core	Encore/ Plan	Core	Core
Gr. 1		Core	Core	Core	R/L	Core	Core	Encore / Plan	I/E
Gr. 2		Core	Core	Core	Core	Core	R/L	I/E	Encore/ Plan
Gr. 3		Core	Core	Core	I/E	Encore/ Plan	L/R	Core	Core
Gr. 4		Core	I/E	Encore/ Plan	Core	L/R	Core	Core	Core
Gr. 5		I/E	Encore/ Plan	Core	Core	R/L	Core	Core	Core
Encore		Plan	Gr. 5	Gr. 4	L/R	Gr. 3	K	Gr. 1	Gr. 2
I/E		Gr. 5	Gr. 4	K	Gr. 3	L/R	Plan	Gr. 2	Gr. 1



WHAT WOULD YOU DO TO  
IMPROVE THE 2<sup>ND</sup> GRADE  
SCHEDULE???

# Master Block Schedule

(Full-Day Kindergarten)

50 min. Blocks		8:00-8:50	8:50-9:40	9:40-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40
Kind.		Core	Core	<del>Core</del> I/E	L/R	Core	Encore/ Plan	Core	Core
Gr. 1		Core	Core	Core	R/L	Core	Core	Encore / Plan	I/E
Gr. 2		Core	Core	Core	Core	Core	R/L	<del>Core</del> I/E	Encore/ Plan
Gr. 3		Core	Core	Core	I/E	Encore/ Plan	L/R	Core	Core
Gr. 4		Core	I/E	Encore/ Plan	Core	L/R	Core	Core	Core
Gr. 5		I/E	Encore/ Plan	Core	Core	R/L	Core	Core	Core
Encore		Plan	Gr. 5	Gr. 4	L/R	Gr. 3	K	Gr. 1	Gr. 2
I/E		Gr. 5	Gr. 4	K	Gr. 3	L/R	Plan	Gr. 2	Gr. 1

**Table 4.1 Sample Structure of Intervention/Enrichment Period  
for One Grade Level**

<b>Groups</b>	<b>Activity</b>	<b>Staff</b>
<b>25% of students</b>	<b>Writing lab</b>	<b>One (of three) classroom teachers</b>
<b>25% of students</b>	<b>Science and social studies enrichment activities</b>	<b>Library/media specialist</b>
<b>15% of students</b>	<b>Math interventions</b>	<b>Second classroom teacher or computer lab</b>
<b>35% of students</b>	<b>Reading interventions</b>	<b>Third classroom teacher, LD teacher, 2 reading specialists</b>

**Table 4.2 Sample Structure of Intervention/Enrichment Period for One Grade Level with Four Base Teachers and 92 Students**

<b>Number of students</b>	<b>Activity</b>	<b>Staff</b>
<b>20 students</b>	<b>Social studies enrichment</b>	<b>TAG teacher</b>
<b>15 students</b>	<b>Science enrichment</b>	<b>Library/media specialist or classroom teacher</b>
<b>18 students</b>	<b>Writing lab</b>	<b>Title I or reading specialist</b>
<b>12 students</b>	<b>Special services</b>	<b>LD teacher, ESL teacher, speech/language teacher</b>
<b>10 students</b>	<b>Math interventions</b>	<b>Math specialist, classroom teacher, and/or computer lab</b>
<b>17 students</b>	<b>Reading interventions</b>	<b>Title I, reading specialist, SPED teacher, one or more classroom teachers</b>

## ENCORE CLASSES 3-DAY ROTATION

11:20-12:10	Day 1	Day 2	Day 3
Teacher 3A	PE	Art	Music
Teacher 3B	Music	PE	Art
Teacher 3C	Art	Music	PE

# Encore Teachers' Master Schedule

50 min. Blocks	8:00-8:50	8:50-9:40	9:40-10:30	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:50	1:50-2:40
PE D1	Plan	5A	4A	L/D	3A	KA	1A	2A
PE D2	Plan	5B	4B	L/D	3B	KB	1B	2B
PE D3	Plan	5C	4C	L/D	3C	KC	1C	2C
Art D1	Plan	5C	4C	L/D	3C	KC	1C	2C
Art D2	Plan	5A	4A	L/D	3A	KA	1A	2A
Art D3	Plan	5B	4B	L/D	3B	KB	1B	2B
M D1	Plan	5B	4B	L/D	3B	KB	1B	2B
M D2	Plan	5C	4C	L/D	3C	KC	1C	2C
M D3	Plan	5A	4A	L/D	3A	KA	1A	2A



# ENCORE CLASSES 6-DAY ROTATION

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Teacher 3A	PE	Art	PE	Music	PE	Library
Teacher 3B	Library	PE	Art	PE	Music	PE
Teacher 3C	Art	PE	PE	Library	PE	Music

# ENCORE CLASSES 4-DAY ROTATION

	Day 1	Day 2	Day 3	Day 4
Teacher 3A	PE	Art	PE	Music
Teacher 3B	Music	PE	Art	PE
Teacher 3C	PE	Music	PE	Art
Teacher 3D	Art	PE	Music	PE

## FACTORS TO CONSIDER WHEN DETERMINING AN ENCORE ROTATION

- ❖ What program should students receive (how much PE, art, music, etc.)?
- ❖ What encore staff do you have and how are they assigned to the building?
- ❖ How many sections do you have at each grade level?
- ❖ Write out a possible rotation for your school.



# HAVE AN “EXTRA” CLASS?

- ❖ Divide the “extra” class among others at the grade level.
- ❖ Add something to the rotation for that grade level.
- ❖ Place the “extra” class in an open slot at another grade level on a rotating basis.
- ❖ Remunerate the encore teachers for instructing an “extra” class during their planning time.
- ❖ Add a “piece” of an itinerant teacher to cover the “extra” class.

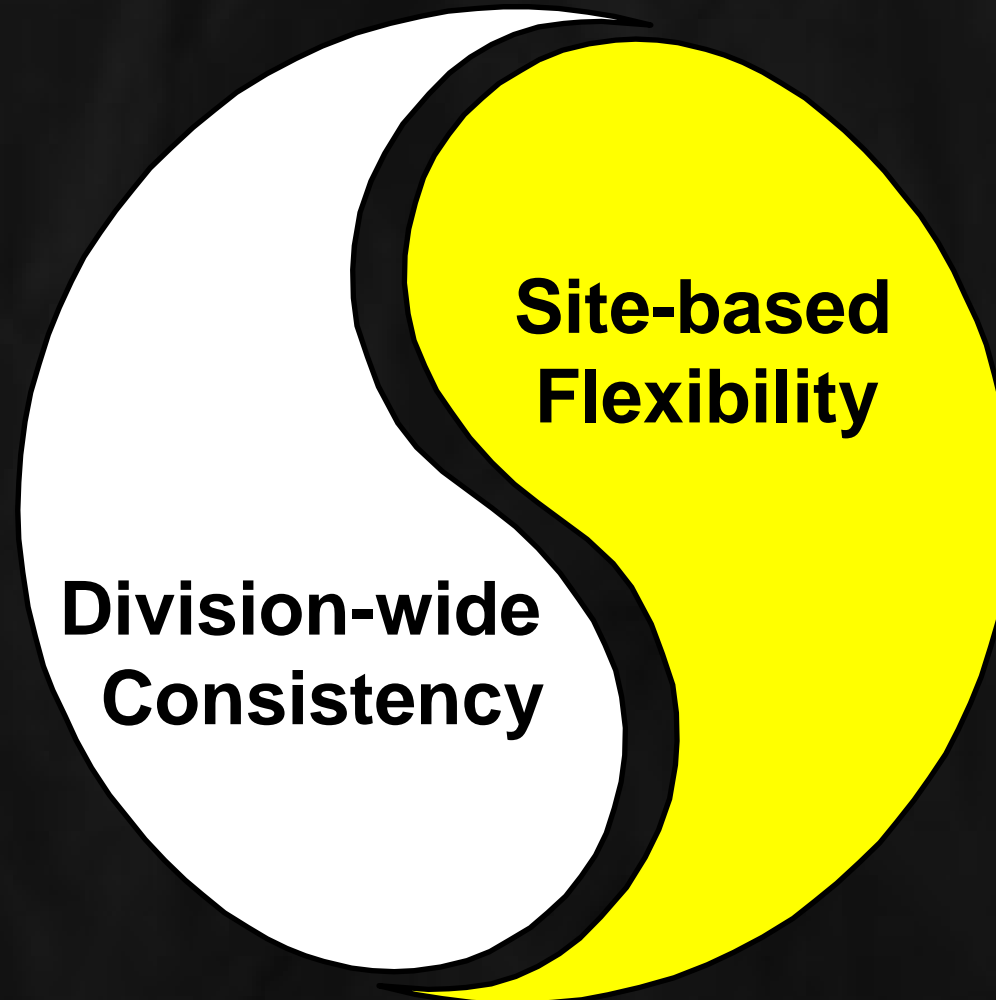


# Master Block Schedule

(Half-day Kindergarten)

45 min. Blocks		9:15-10:00	10:00-10:45	10:45-11:30	11:30-12:15	12:15-1:00	1:00-1:45	1:45-2:30	2:30-3:15
Kind.		Core	Core	Enclore/Plan/IE	L/R	Core	Encore/Plan/IE	Core	Core
Gr. 1		Core	Core	Core	R/L	Core	Core	Encore / Plan	I/E
Gr. 2		Core	Core	Core	Core	Core	R/L	I/E	Encore/Plan
Gr. 3		Core	Core	Core	I/E	Encore/Plan	L/R	Core	Core
Gr. 4		Core	I/E	Encore/Plan	Core	L/R	Core	Core	Core
Gr. 5		I/E	Encore/Plan	Core	Core	R/L	Core	Core	Core
Encore		Plan	Gr. 5	Gr. 4	L/R	Gr. 3	K	Gr. 1	Gr. 2
I/E		Gr. 5	Gr. 4	K/Plan	Gr. 3	L/R	K/Plan	Gr. 2	Gr. 1

# Time Allocation: A Necessary Balance



# TIME ALLOCATIONS: AN EXAMPLE

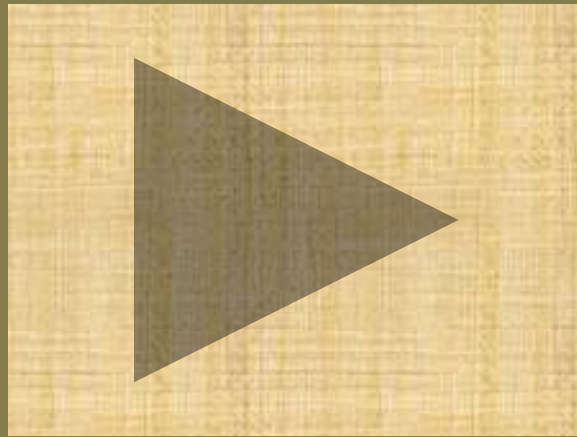
## Grades K-2

❖ LA/R	120
❖ Math	90
❖ SS/SC	45
❖ Encore/Plan	45
❖ I/E	45
❖ Lunch/Recess	<u>45</u>
<b>Total</b>	<b>390</b>

## Grades 3-5

❖ LA/R	90
❖ Math	75
❖ SS/SC	90
❖ Encore/Plan	45
❖ I/E	45
❖ Lunch/Recess	<u>45</u>
<b>Total</b>	<b>390</b>

PRINCE WILLIAM COUNTY, VA





## DESIGNING BETTER SUPPORT SERVICE SCHEDULES

1. Assign intervention/enrichment (I/E) periods for each grade level.
2. Implement the inclusion model.
3. Create homeroom groups from literacy groups rather than literacy groups from homerooms.
4. Implement both inclusion and I/E scheduling.
5. Use Parallel Block Scheduling (PBS).

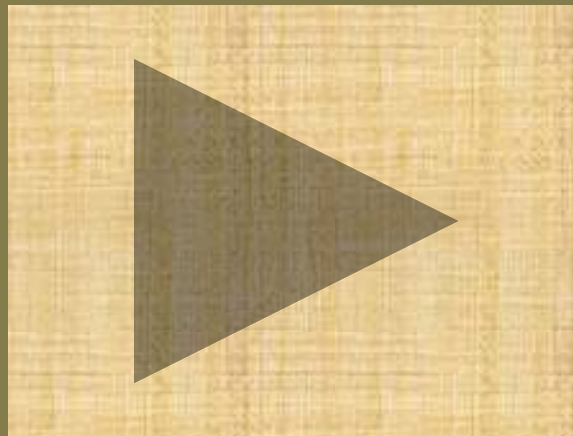


# Idea #2: Master Block Schedule

(Inclusion Scheduling)

50 min. Blocks	8:20-9:10	9:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:20	1:20-2:10	2:10-3:00
Kind.	LA 1	LA 2	LA 3	L/R	Plan Cycle	M 1	M 2	SS/SC
Gr. 1	LA 1	LA 2	LA 3	R/L	M 1	M 2	SS/SC	Plan Cycle
Gr. 2	M 1	M 2	LA 1	LA 2	R/L	LA 3	Plan Cycle	SS/SC
Gr. 3	M 1	M 2	SS/SC	LA 1	L/R	Plan Cycle	LA 2	LA 3
Gr. 4	LA 1	LA 2	Plan Cycle	M 1	M 2	L/R	SS	SC
Gr. 5	SS	Plan Cycle	LA 1	LA 2	SC	R/L	M 1	M 2
Encore	Plan	Gr. 5	Gr. 4	L/R	Kind.	Gr. 3	Gr. 2	Gr. 1

IDEA #3: INCLUSION AND  
INTERVENTION/ENRICHMENT SCHEDULE



# DEPARTMENTALIZATION IN GRADES FOUR AND FIVE: KEY CONSIDERATIONS

- ❖ The departmentalization plan should reflect the desired time allocations.
- ❖ The departmentalization plan should capitalize on the strengths of teachers and minimize their weaknesses.
- ❖ Rotated subjects must be provided equal time blocks.
- ❖ The encore block, I/E period, lunch and recess, and any self-contained aspects of the schedule must be placed strategically to create equal time blocks required for the particular plan.



**Table 5.2 Typical Elementary School Departmentalization Schemes**

<b>Scheme</b>	<b>Number of teachers on team</b>	<b>Subjects taught by all team teachers in self-contained or regrouped classes</b>	<b>Departmentalized subjects; groups rotate to teachers in equal time blocks</b>
2A	2	reading, language arts (LA), mathematics	social studies and science
2B	2	reading and LA	math opposite social studies/science
2C	2	reading	LA/social studies, math/science
2D	2	social studies	LA/reading, math/science
2E	2	none	LA/reading, math/social studies/science
2F	2	none	LA/reading/social studies, math/science
3A	3	reading	math, LA, social studies/science
3B	3	reading and LA	math, social studies, science
3C	3	reading and math	science, social studies, LA (usually writing)
3D	3	None	reading/LA, math, science/social studies
4A	4	reading	LA (usually writing), math, social studies, science
4B	4	social studies	reading, LA (usually writing), math, science
4C	4	social studies	reading/LA (2 teachers), math (1 teacher), science (1 teacher)
4D	4	None	reading/LA (2 teachers), math (1 teacher), science/social studies (1 teacher)
4E	4	None	reading/LA, math, social studies/reading/LA, science/math
6	6	None	2 reading/LA, 2 math, social studies, science

# SAMPLE 2-TEACHER TEAMS

## Plan 2A

Teacher I R/LA/M/SS	Language Arts and Reading Group A 150	Math Group A 75	Plan	L/R	SS Group A/B 45	I/E
Teacher II R/LA/M/SC	Language Arts and Reading Group B 150	Math Group B 75	Plan	L/R	SC Group B/A 45	I/E

## Plan 2B

Teacher I R/LA/M	Language Arts and Reading Group A 85	Math Group A 70	Math Group B 70	Plan	L/R	LA Group A 45	I/E
Teacher II R/LA/SS/SC	Language Arts and Reading Group A 85	SS/SC Group B 70	SS/SC Group A 70	Plan	L/R	LA Group B 45	I/E

## Plan 2D

Teacher I R/LA/SS	Language Arts and Reading Group A 110	5	Language Arts and Reading Group B 110	Plan	L/R	SS Group A 45	I/E
Teacher IIM/SC/SS	Math and Science Group B 110	5	Math and Science Group A 110	Plan	L/R	SS Group B 45	I/E

## Plan 2F Version 2

Teacher I LA/SS	LA Group A 90	Plan	LA Group B 90	I/E	R/L	SS Group A/B 90
Teacher II M/SC	Math Group B 90	Plan	Math Group A 90	I/E	R/L	SC Group A/B 90

# SAMPLE 3-TEACHER TEAMS

Plan 3A								
LA/R	Reading 60	LA Group A 70	LA Group B 70	Plan	L/R	LA Group C 70	I/E	
Math/R	Reading 60	Math Group C 70	Math Group A 70	Plan	L/R	Math Group B 70	I/E	
SS/SC/R	Reading 60	SS/SC Group B 70	SS/SC Group C 70	Plan	L/R	SS/SC Group A 70	I/E	
Plan 3B								
LA/R/M	LA/R Group A 90	Math Group C 60	Math Group B 60	Plan	L/R	Math Group A 60	I/E	
LA/R/SS	LA/R Group B 90	SS Group A 60	SS Group C 60	Plan	L/R	SS Group B 60	I/E	
3C LA/R/SC	LA/R Group B 90	SC Group B 60	SC Group A 60	Plan	L/R	SC Group C 60	I/E	
Plan 3C								
LA/M/R	Math Group A 90	Plan	Read. Gr. A	Writing Gr. C	R/L	I/E	Writing Gr. B	Writing Gr. A
LA/M/SS	Math Group B 90	Plan	Read. Gr. B	SS Gr. A	R/L	I/E	SS Gr. C	SS Gr. B
LA/M/SC	Math Group C 90	Plan	Read. Gr. C	SC Gr. B	R/L	I/E	SC Gr. A	SC Gr. C

# SAMPLE 4-TEACHER TEAMS

## Plan 4A

R/LA	Read. Gr. A 50	LA Gr. B 55	LA Gr. C 55	LA Gr. D 55	Plan	L/R	LA Gr. A 55	I/E
R/Math	Read. Gr. B 50	Math Gr. C 55	Math Gr. D 55	Math Gr. A 55	Plan	L/R	Math Gr. B 55	I/E
R/SS	Read. Gr. C 50	SS Gr. D 55	SS Gr. A 55	SS Gr. B 55	Plan	L/R	SS Gr. C 55	I/E
R/SC	Read. Gr. D 50	SC Gr. A 55	SC Gr. B 55	SC Gr. C 55	Plan	L/R	SC Gr. D 55	I/E

## Plan 4B

R/SS	Read. Gr. A 55	Read. Gr. B 55	Read. Gr. C 55	Read. Gr. D 55	Plan	L/R	SS Gr. A 50	I/E
LA/SS	LA Gr. B 55	LA Gr. C 55	LA Gr. D 55	LA Gr. A 55	Plan	L/R	SS Gr. B 50	I/E
Math/SS	Math Gr. C 55	Math Gr. D 55	Math Gr. A 55	Math Gr. B 55	Plan	L/R	SS Gr. C 50	I/E
SC/SS	SC Gr. D 55	SC Gr. A 55	SC Gr. B 55	SC Gr. C 55	Plan	L/R	SS Gr. D 50	I/E

## Plan 4C

R/LA/SS	LA/Reading Gr. A 110		LA/Reading Gr. C 110		Plan	L/R	SS Gr. A 50	I/E
R/LA/SS	LA/Reading Gr. B 110		LA/Reading Gr. D 110		Plan	L/R	SS Gr. B 50	I/E
Math/SS	Math Gr. C 55	Math Gr. C 55	Math Gr. A 55	Math Gr. B 55	Plan	L/R	SS Gr. C 50	I/E
SC/SS	SC Gr. D 55	SC Gr. D 55	SC Gr. B 55	SC Gr. A 55	Plan	L/R	SS Gr. D 50	I/E

## Plan 4D

LA/R	LA/Reading A 135		LA/Reading Group C 65	Plan	L/R	LA/Reading Group C 65	I/E
LA/R	LA/Reading B 135		LA/Reading Group D 65	Plan	L/R	LA/Reading Group D 65	I/E
Math	Math C 65	Math D 65	Math A 65	Plan	L/R	Math Group C 65	I/E
SS/SC	SS/SC D 65	SS/SC C 65	SS/SC C 65	Plan	L/R	SS/SC Group A 65	I/E





ADDING AN  
ADDITIONAL PROFESSIONAL  
DEVELOPMENT PERIOD TO  
THE SCHEDULE:

---

TWO IDEAS

# Master Block Schedule

(#1 Exchange I/E for Professional Development Period)

45 min. Blocks		9:15-10:00	10:00-10:45	10:45-11:30	11:30-12:15	12:15-1:00	1:00-1:45	1:45-2:30	2:30-3:15
Kind.		Core	Core	I/E	L/R	Core	Encore/Plan	Core	Core
Gr. 1		Core	Core	Core	R/L	Core	Core	Encore / Plan	I/E
Gr. 2		Core	Core	Core	Core	Core	R/L	I/E	Encore/Plan
Gr. 3		Core	Core	Core	I/E	Encore/Plan	L/R	Core	Core
Gr. 4		Core	I/E	Encore/Plan	Core	L/R	Core	Core	Core
Gr. 5		I/E	Encore/Plan	Core	Core	R/L	Core	Core	Core
Encore		Plan	Gr. 5	Gr. 4	L/R	Gr. 3	K	Gr. 1	Gr. 2
I/E		Gr. 5	Gr. 4	K	Gr. 3	Lunch	Plan	Gr. 2	Gr. 1

# Master Block Schedule

(#1 Exchange I/E for Professional Development Period)

45 min. Blocks		9:15-10:00	10:00-10:45	10:45-11:30	11:30-12:15	12:15-1:00	1:00-1:45	1:45-2:30	2:30-3:15
Kind.		Core	Core	Encore 2	L/R	Core	Encore/Plan	Core	Core
Gr. 1		Core	Core	Core	R/L	Core	Core	Encore / Plan	Encore 2
Gr. 2		Core	Core	Core	Core	Core	R/L	Encore 2	Encore/Plan
Gr. 3		Core	Core	Core	Encore 2	Encore/Plan	L/R	Core	Core
Gr. 4		Core	Encore 2	Encore/Plan	Core	L/R	Core	Core	Core
Gr. 5		Encore 2	Encore/Plan	Core	Core	R/L	Core	Core	Core
Encore		Plan	Gr. 5	Gr. 4	L/R	Gr. 3	K	Gr. 1	Gr. 2
Encore 2		Gr. 5	Gr. 4	K	Gr. 3	Lunch	Plan	Gr. 2	Gr. 1

## ENCORE CLASSES 3-DAY ROTATION

11:20-12:10	Day 1	Day 2	Day 3
Teacher 3A	PE	Art	Music
Teacher 3B	Music	PE	Art
Teacher 3C	Art	Music	PE

## ENCORE 2 CLASSES 3-DAY ROTATION

11:30- 12:15	PD Day 1	PD Day 2	PD Day 3
Teacher 3A	Library	Computer	Guidance
Teacher 3B	Guidance	Library	Computer
Teacher 3C	Computer	Guidance	Library

# Master Block Schedule

(#2 Add 9<sup>th</sup> Period to Create a Block for Professional Development)

45 min. Blocks	8:15-9:00	9:00-9:45	9:45-10:30	10:30-11:15	11:15-12:00	12:00-12:45	12:45-1:30	1:30-2:15	2:15-3:00
Kind.	LA 1	LA 2	LA 3	L/R	I/E	Plan Cycle	M 1	M 2	M 3
Gr. 1	LA 1	LA 2	LA 3	R/L	I/E	M 1	M 2	Plan Cycle	M 3
Gr. 2	LA 1	LA 2	LA 3	I/E	R/L	M 1	M 2	M 3	Plan Cycle
Gr. 3	LA 1	LA 2	LA 3	I/E	L/R	M 1	Plan Cycle	M 2	M 3
Gr. 4	LA 1	LA 2	LA 3	Plan Cycle	M 1	L/R	M 2	M 3	I/E
Gr. 5	LA 1	LA 2	Plan Cycle	LA 3	M 1	R/L	M 2	M 3	I/E
Encore	Professional Development		Gr. 5	Gr. 4	L/R	Kind.	Gr. 3	Gr. 1	Gr. 2

# SCHEDULING SUPPORTS FOR ELEMENTARY PLCs

- ❖ Common Planning Time
- ❖ Common Teaching Time
- ❖ Common Time for Intervention and Enrichment
- ❖ Support Schedules Coordinated with the General Education Program (Inclusion, Intervention, & Planning)
- ❖ Occasional Extended PLC professional development time during the school day.



# ORGANIZATION AND USES OF COMMON PLANNING TIME

- ❖ **Common Meeting Time vs. Individual Planning Time???**
- ❖ **Common Time**
  - ❖ **Clearly delineated agendas and meeting protocols**
    - ❖ **Curriculum management**
    - ❖ **Formative/summative data analysis and response**
    - ❖ **Student guidance issues including parent conferences**
    - ❖ **Instructional improvement (professional development)**
    - ❖ **Rotating faculty meeting for decision-making discussions**
  - ❖ **Minutes/Follow-up**





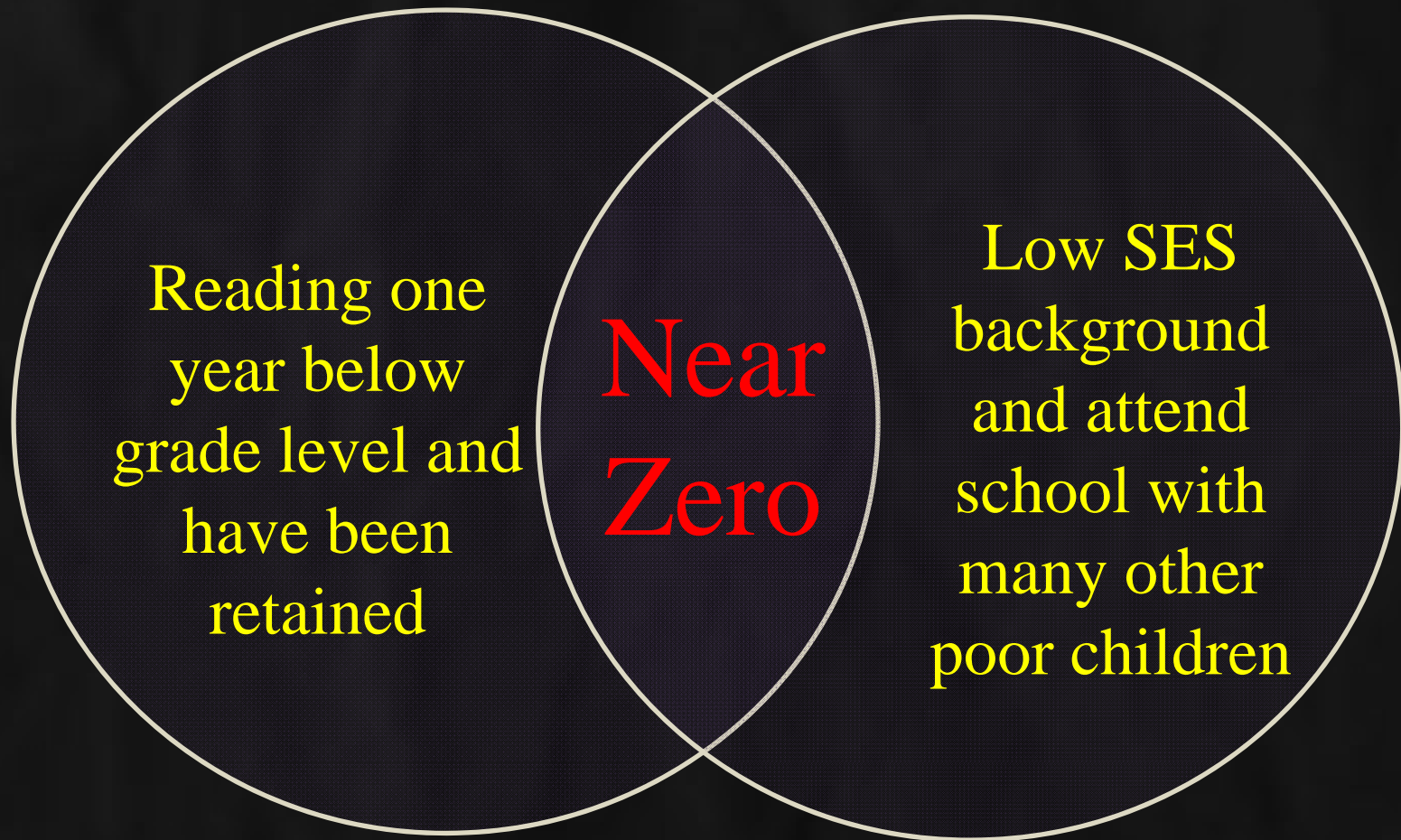


# PARALLEL BLOCK SCHEDULING

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Models for Kindergarten through Grade 5

# Research on the Probability of Third Grade Students Graduating from High School



For every complex problem there is an  
answer that is clear, simple,  
and wrong.

H.L. Mencken



# GROUPING AND SCHEDULING KINDERGARTEN CLASSES IN PBS

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Homeroom assignments, suggested grouping practices, sample schedules, and recommended instructional activities.

# Possible Room Arrangement for Four Kindergarten Classes

**Teacher A's Room**  
RWGs 1, 4, & 7

**Teacher B's Room**  
RWGs 2, 5, & 8

**Teacher C's Room**  
RWGs 3, 6, & 9

**Teacher D's Room**  
**Extension Center**  
Play, story, centers,  
services, etc.

# REDUCED GROUPS IN A KINDERGARTEN

## LITERACY BLOCK (A.M.)

		Block I 9:00-9:35	Block II 9:35-10:10	Block III 10:10-10:45
Teacher A 1,4,7	<b>Homeroom Activities &amp; Unit Time &amp; Math 8:00-9:00</b>	RWG-1	RWG-4	RWG-7
Teacher B 2,5,8		RWG-8	RWG-2	RWG-5
Teacher C 3,6,9		RWG-6	RWG-9	RWG-3
		Extension Center		
Teacher D Extension		RWGs-2,3, 4,5,7,9	RWGs-1,3, 5,6,7,8	RWGs-1,2, 4,6,8,9

Lunch and Recess 10:50-11:40

# EXTENSION CENTER ROTATION DURING A LITERACY BLOCK (A.M.)

		Block I 9:00-9:35	Block II 9:35-10:10	Block III 10:10-10:45
Teacher D Aide 1 Centers	<b>Homeroom Activities &amp; Unit Time &amp; Math 8:00-9:00</b>	Centers-2,4,5	Centers-3,7,8	Centers-1,6,9
Aide 2 Story		Story-7	Story-1	Story-4
Aide 3 Play		Play-3	Play-5	Play-8
Aide 4 Play/Read		Play-9	Story-6	Play-2

Lunch and Recess 10:50-11:40

**Groups that have story in the a.m. have play in the p.m.**

# REDUCED GROUPS IN A KINDERGARTEN LITERACY BLOCK (P.M.)

	11:40-12:30	12:35-1:10	1:10-1:45	1:45-2:20
Teacher A 1,4,7	<b>Encore Classes/Planning Cycle</b>	RWG-1	RWG-4	RWG-7
Teacher B 2,5,8		RWG-8	RWG-2	RWG-5
Teacher C 3,6,9		RWG-6	RWG-9	RWG-3
		Extension Center		
Teacher D Extension		RWGs-2,3, 4,5,7,9	RWGs-1,3, 5,6,7,8,	RWGs-1,2, 4,6,8,9

**Homeroom Activities & Math & Unit Time 2:20-3:00**



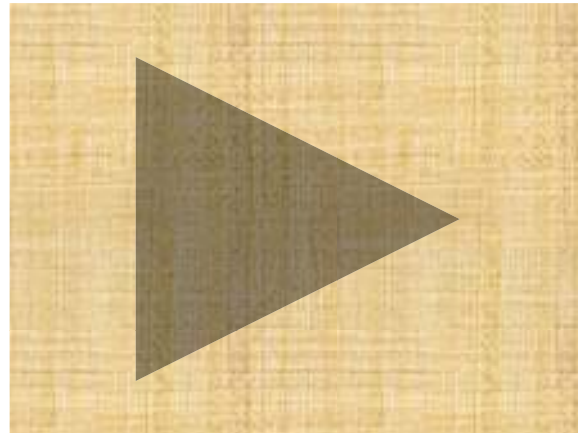
# EXTENSION CENTER ROTATION DURING A LITERACY BLOCK (P.M.)

	11:40-12:30	12:35-1:10	1:10-1:45	1:45-2:20
Teacher D Aide 1 Centers	<b>Encore Classes/Planning Cycle</b>	Centers-2,4,5	Centers-3,7,8	Centers-1,6,9
Aide 2 Story		Story-3	Story-5	Story-2
Aide 3 Play		Play-7	Play-1	Play-4
Aide 4 Play/Story		Story-9	Play-6	Story-8

**Groups that have story in the a.m. have play in the p.m.**

**Homeroom Activities & Math & Unit Time 2:20-3:00**

# BALDWIN ES, MANASSAS, VA



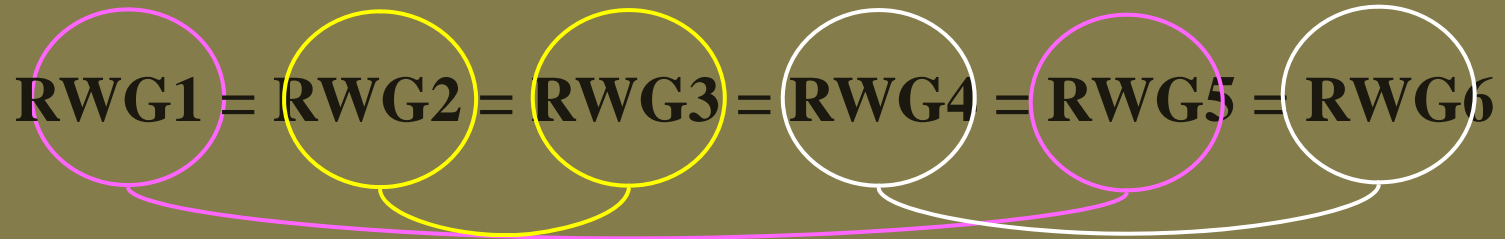
# CREATING RWGs AND MSGs IN GRADES 1-5

- ❖ To form homeroom groups, each teacher is assigned two distinct Reading-Writing Groups (RWGs).
- ❖ Groups meet separately for RWG instruction and together for their LA/SS class.
- ❖ The homeroom is re-grouped into Math Skill Groups (MSGs).
- ❖ Groups may be heterogeneous or homogeneous.
- ❖ There are a variety of grouping schemes.



# GROUPING SCHEMES

## Heterogeneous RWGs



**All Pairings of Heterogeneous Groups  
Create Heterogeneous Homerooms**

## GROUPING SCHEMES CON'T

### Homogeneous RWGs

Low



High

$RWG1 < RWG2 < RWG3 < RWG4 < RWG5 < RWG6$

**LOW**

**MIDDLE**

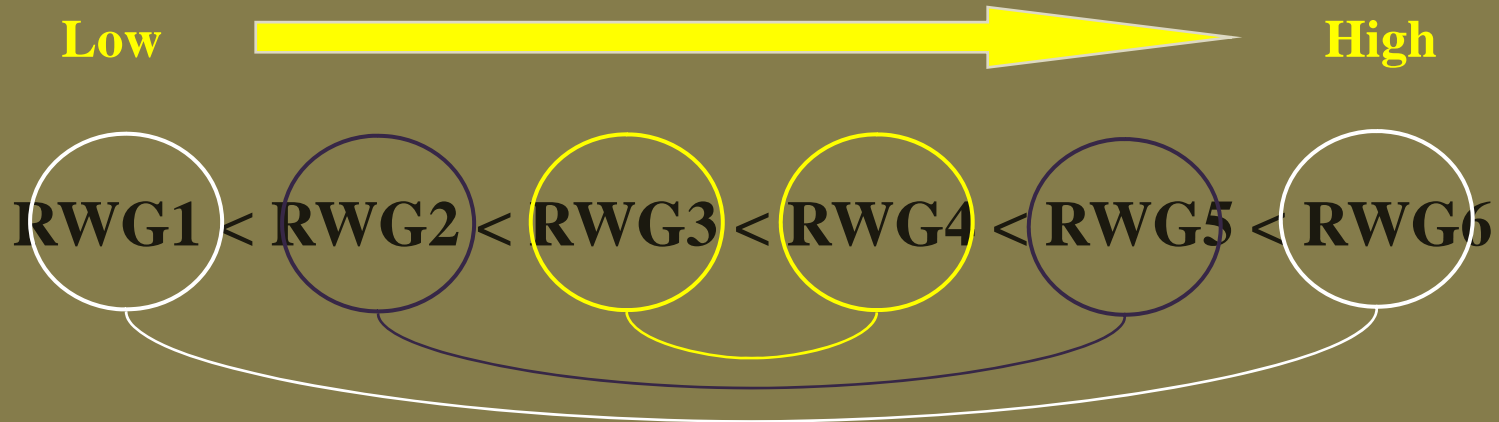
**HIGH**

Pairing 1: Homogeneous Groups

Paired to Create Homogeneous Homerooms

## GROUPING SCHEMES CON'T

### Homogeneous RWGs



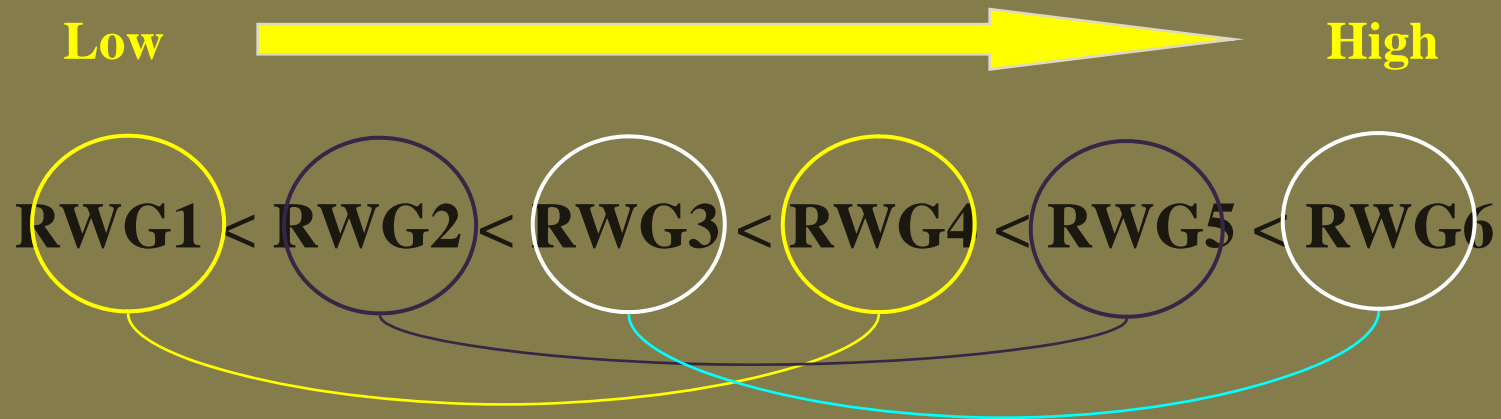
**RWG1,6 = RWG2,5 = RWG3,4**

Pairing 2: Homogeneous Groups

Paired to Create Somewhat “Bipolar” Homerooms

## GROUPING SCHEMES CON'T

### Homogeneous RWGs

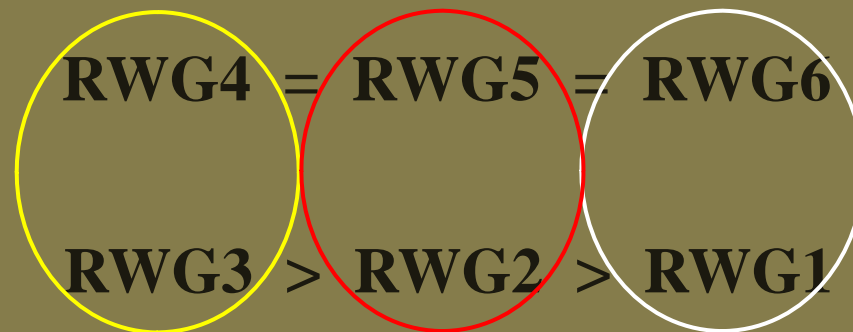


**RWG1,4 < RWG2,5 < RWG3,6**

Pairing 3: Homogeneous Groups  
Paired to Create “Controlled Heterogeneity”

## GROUPING SCHEMES CON'T

### Heterogeneous Top Half RWGs



High  Low

### Homogeneous Bottom Half RWGs

Pairing 4: Heterogeneous Top Half Groups  
Paired with Homogeneous Bottom Half Groups  
to Create “Stars in Every Room”





# PBS SCHEDULING IN GRADES 1 THROUGH 3

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Option 1: Language Arts and Math  
Extension Classes

Option 2: General Extension and  
SC/SS Extension Classes

# GRADE 1-3 PARALLEL BLOCK SCHEDULE: OPTION 1-LA/SS & LA EXTENSION

		Block I 8:20-9:10	Block II 9:10-10:00	Block III 10:00-10:50
Teacher A	Homeroom 8:00-8:20	LA/SS RWGs-1,4	RWG-1	RWG-4
Teacher B		RWG-5	LA/SS RWGs-2,5	RWG-2
Teacher C		RWG-3	RWG-6	LA/SS RWGs-3,6
		Language Arts Extension		
Extension		RWGs-2,6	RWGs-3,4	RWGs-1,5

# GRADE 1-3 PARALLEL BLOCK SCHEDULE: OPTION 1-MATH/SC & MATH EXTENSION

		Block IV 11:40-12:30	Block V 12:30-1:20	Block VI 1:20-2:10	
Teacher A	Lunch and Recess 10:50-11:40	Math/SC MSGs-1,4	MSG-1	MSG-4	Planning/Encore 2:10-3:00
Teacher B		MSG-5	Math/SC MSGs-2,5	MSG-2	
Teacher C		MSG-3	MSG-6	Math/SC MSGs-3,6	
		Mathematics Extension			
Extension		MSGs-2,6	MSGs-3,4	MSGs-1,5	

# GRADES 1-3 PARALLEL BLOCK SCHEDULE: OPTION 2-LA & LA EXTENSION

		Block I 8:20-9:10	Block II 9:10-10:00	Block III 10:00-10:50
Teacher A	Homeroom 8:00-8:20	LA RWGs-1,4	RWG-1	RWG-4
Teacher B		RWG-5	LA RWGs-2,5	RWG-2
Teacher C		RWG-3	RWG-6	LA RWGs-3,6
		Extension		
Extension		RWG-2,6	RWG-3,4	RWG-1,5

GRADES 1-3 PARALLEL BLOCK SCHEDULE:  
 OPTION 2-MATH & SS/SC EXTENSION

		Block IV 11:40-12:30	Block V 12:30-1:20	Block VI 1:20-2:10	
Teacher A	Lunch and Recess 10:50-11:40	Math MSGs-1,4	MSG-1	MSG-4	Planning/Encore 2:10-3:00
Teacher B		MSG-5	Math MSGs-2,5	MSG-2	
Teacher C		MSG-3	MSG-6	Math MSGs-3,6	
		Social Studies and Science			
SS/SC Teacher		SS/SC MSGs-2,6	SS/SC MSGs-3,4	SS/SC MSGs-1,5	



# PBS SCHEDULING IN GRADES GRADES 4 AND 5

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Social Studies and Science  
Extension Classes

# GRADES 4-5 PARALLEL BLOCK SCHEDULE: LA & SS EXTENSION

(Back)		Block I 8:20-9:10	Block II 9:10-10:00	Block III 10:00-10:50
Teacher A	Homeroom 8:00-8:20	LA RWGs-1,4	RWG-1	RWG-4
Teacher B		RWG-5	LA RWGs-2,5	RWG-2
Teacher C		RWG-3	RWG-6	LA RWGs-3,6
		SS/Extension		
SS/SC Teacher		SS RWGs-2,6	SS RWGs-3,4	SS RWGs-1,5

# GRADES 4-5 PARALLEL BLOCK SCHEDULE: MATH & SCIENCE EXTENSION

		Block IV 11:40-12:30	Block V 12:30-1:20	Block VI 1:20-2:10	
Teacher A	Lunch and Recess 10:50-11:40	Math MSGs-1,4	MSG-1	MSG-4	Planning/Encore 2:10-3:00
Teacher B		MSG-5	Math MSGs-2,5	MSG-2	
Teacher C		MSG-3	MSG-6	Math MSGs-3,6	
		Science Extension			
SS/SC Teacher		SC MSGs-2,6	SC MSGs-3,4	SC MSGs-1,5	





## ADDING AN INTERVENTION AND ENRICHMENT PERIOD (I/E) TO THE PARALLEL BLOCK SCHEDULE

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# Parallel Block Master Schedule with Intervention and Enrichment (I/E) Period

45 min. Blocks	8:15-9:00	9:00-9:45	9:45-10:30	10:30-11:15	11:15-12:00	12:00-12:45	12:45-1:30	1:30-2:15	2:15-3:00
Kind.	LA 1	LA 2	LA 3	L/R	I/E	Plan Cycle	M 1	M 2	M 3
Gr. 1	LA 1	LA 2	LA 3	R/L	I/E	M 1	M 2	Plan Cycle	M 3
Gr. 2	LA 1	LA 2	LA 3	I/E	R/L	M 1	M 2	M 3	Plan Cycle
Gr. 3	LA 1	LA 2	LA 3	I/E	L/R	M 1	Plan Cycle	M 2	M 3
Gr. 4	LA 1	LA 2	LA 3	Plan Cycle	M 1	L/R	M 2	M 3	I/E
Gr. 5	LA 1	LA 2	Plan Cycle	LA 3	M 1	R/L	M 2	M 3	I/E
Encore	Professional Development		Gr. 5	Gr. 4	L/R	Kind.	Gr. 3	Gr. 1	Gr. 2

# ACTIVITY #1:

4 TEACHERS; 8 GROUPS.

	Block I	Block II	Block III
Teacher A 1,5			
Teacher B 2, 6			
Teacher C 3, 7			
Teacher D 4, 8			
Extension			

# ACTIVITY #1:

4 TEACHERS; 8 GROUPS.

	Block I	Block II	Block III
Teacher A	LA 1, 5	RWG 1	RWG 5
Teacher B	RWG 6	LA 2, 6	RWG 2
Teacher C	RWG 3	RWG 7	LA 3, 7
Teacher D	RWG 8	RWG 4	LA 4, 8
Extension	2, 4, 7	3, 5, 8	1, 6

## ACTIVITY #2:

4 TEACHERS; 8 GROUPS.

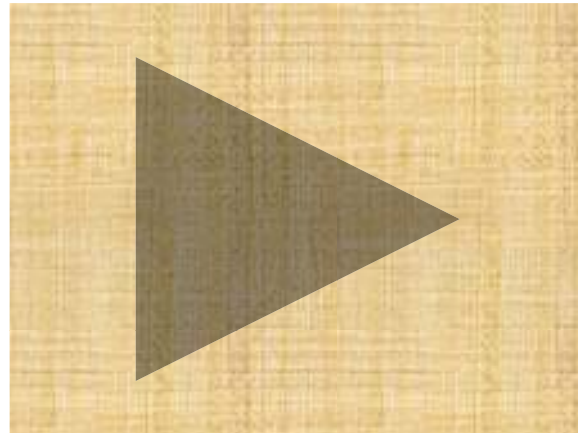
	Block I	Block II	Block III	Block IV
Teacher A 1, 5				
Teacher B 2, 6				
Teacher C 3, 7				
Teacher D 4, 8				
Extension				

## ACTIVITY #2:

4 TEACHERS; 8 GROUPS.

	Block I	Block II	Block III	Block IV
Teacher A	LA 1, 5	LA 1, 5	RWG 1	RWG 5
Teacher B	LA 2, 6	LA 2, 6	RWG 6	RWG 2
Teacher C	RWG 3	RWG 7	LA 3, 7	LA 3, 7
Teacher D	RWG 8	RWG 4	LA 4, 8	LA 4, 8
Extension	4, 7	3, 8	2, 5	1, 6

# MANASSAS PARK, VA



**Cougar Elementary School  
Demographic Changes 1999-2008**

	<b>Free and Reduced Lunch</b>	<b>ELL Students</b>	<b>Latino Students</b>
<b>1999-2000</b>	<b>29%</b>	<b>16.3%</b>	<b>15.3</b>
<b>2007-2008</b>	<b>41%</b>	<b>31%</b>	<b>50%</b>



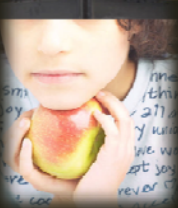
**Table 6.3 Grade 3 Standards of Learning Pass Rates at Cougar Elementary School Three-Year Averages 1998–2000 and 2005–2007 in Percentages**

	<b>English/ Reading</b>	<b>Math</b>	<b>History/SS</b>	<b>Science</b>
<b>Three-year average 1998–2000</b>	51	61.5	54	60.5
<b>Three-year average 2005–2007</b>	84	91.7	89.8	90.5

# WHY PBS???

# BECAUSE OF THE...

- ❖ Importance of students reading by grades 3 and 4
- ❖ Importance of changing teaching practices and expectations in grades K-1
- ❖ Advantages of a stable homeroom structure while still having access to varied instructional groupings and services
- ❖ Changes needed in typical pull-out services
- ❖ Relationship between class size and achievement
- ❖ Issue of students at-risk having two or more weak teachers in consecutive years
- ❖ Role of teacher assistants/aides and student achievement
- ❖ Need to share work load, especially during an age of accountability



**Cougar Elementary School Master Block Schedule**

<b>Time</b>	<b>8:00-8:15</b>	<b>8:15-9:05</b>	<b>9:05-9:55</b>	<b>9:55-10:45</b>	<b>10:45-11:35</b>	<b>11:35-12:25</b>	<b>12:25-1:15</b>	<b>1:15-2:05</b>	<b>2:05-2:55</b>
<b>Community I K-1 (6)</b>	<b>HR</b>	<b>LA 1</b>	<b>LA 2</b>	<b>LA 3</b>	<b>L/R</b>	<b>M1</b>	<b>M2</b>	<b>Plan</b>	<b>M3</b>
<b>Community I 2-3 (6)</b>	<b>HR</b>	<b>LA 1</b>	<b>LA 2</b>	<b>LA 3</b>	<b>L/R</b>	<b>M 1</b>	<b>M 2</b>	<b>M3</b>	<b>Plan</b>
<b>Community II K-1 (6)</b>	<b>HR</b>	<b>LA 1</b>	<b>LA 2</b>	<b>LA 3</b>	<b>M1</b>	<b>L/R</b>	<b>Plan</b>	<b>M2</b>	<b>M 3</b>
<b>Community II 2-3 (6)</b>	<b>HR</b>	<b>LA 1</b>	<b>LA 2</b>	<b>LA 3</b>	<b>Plan</b>	<b>L/R</b>	<b>M 1</b>	<b>M 2</b>	<b>M 3</b>
<b>Community III K-1 (6)</b>	<b>HR</b>	<b>LA 1</b>	<b>LA 2</b>	<b>Plan</b>	<b>LA 3</b>	<b>M1</b>	<b>L/R</b>	<b>M2</b>	<b>M 3</b>
<b>Community III 2-3 (6)</b>	<b>HR</b>	<b>LA 1</b>	<b>Plan</b>	<b>LA 2</b>	<b>LA 3</b>	<b>M 1</b>	<b>L/R</b>	<b>M 2</b>	<b>M3</b>
<b>Specials</b>	<b>Duty</b>	<b>Plan</b>	<b>CIII 2-3</b>	<b>CIII K-1</b>	<b>CII 2-3</b>	<b>Lunch/ Duty</b>	<b>CII K-1</b>	<b>CI K-1</b>	<b>CI 2-3</b>

**Cougar Elementary School Community III 2-3 Schedule**

<b>Time</b>	<b>8:00-8:15</b>	<b>8:15-9:05</b>	<b>9:05-9:55</b>	<b>9:55-10:45</b>	<b>10:45-11:35</b>	<b>11:35-12:25</b>	<b>12:25-1:15</b>	<b>1:15-2:05</b>	<b>2:05-2:55</b>
<b>Teacher 2G</b>	<b>HR</b>	<b>LA 2-13,2-16</b>	<b>Plan</b>	<b>RWG 2-13</b>	<b>RWG 2-16</b>	<b>Math 2-13,2-16</b>	<b>L/R</b>	<b>MSG 2-13</b>	<b>MSG 2-16</b>
<b>Teacher 2H</b>	<b>HR</b>	<b>RWG 2-17</b>	<b>Plan</b>	<b>LA 2-14,2-17</b>	<b>RWG 2-14</b>	<b>MSG 2-17</b>	<b>L/R</b>	<b>Math 2-14,12-17</b>	<b>MSG 2-14</b>
<b>Teacher 2I</b>	<b>HR</b>	<b>RWG 2-15</b>	<b>Plan</b>	<b>RWG 2-18</b>	<b>LA 2-15,2-18</b>	<b>MSG 2-15</b>	<b>L/R</b>	<b>MSG 2-18</b>	<b>Math 2-15,2-18</b>
<b>Teacher 3G</b>	<b>HR</b>	<b>LA 3-13,3-16</b>	<b>Plan</b>	<b>RWG 3-13</b>	<b>RWG 3-16</b>	<b>Math 3-13,3-16</b>	<b>L/R</b>	<b>MSG 3-13</b>	<b>MSG 3-16</b>
<b>Teacher 3H</b>	<b>HR</b>	<b>RWG 3-17</b>	<b>Plan</b>	<b>LA 3-14,3-17</b>	<b>RWG 3-14</b>	<b>MSG 3-17</b>	<b>L/R</b>	<b>Math 3-14,3-17</b>	<b>MSG 3-14</b>
<b>Teacher 3I</b>	<b>HR</b>	<b>RWG 3-15</b>	<b>Plan</b>	<b>RWG 3-18</b>	<b>LA 3-15,3-18</b>	<b>MSG 3-15</b>	<b>L/R</b>	<b>MSG 3-18</b>	<b>Math 3-15,3-18</b>
<b>Teacher SS/SC</b>		<b>SS/SC 3-14 3-18</b>	<b>Plan</b>	<b>SS/SC 3-15 3-16</b>	<b>SS/SC 3-13 3-17</b>	<b>SS/SC 2-14 2-18</b>	<b>L/R</b>	<b>SS/SC 2-15 2-16</b>	<b>SS/SC 2-13 2-17</b>
<b>Tech. Center</b>		<b>Tech. 2-14 2-18</b>		<b>Tech. 2-15 2-16</b>	<b>Tech. 2-13 2-17</b>	<b>Tech. 3-14 3-18</b>		<b>Tech. 3-15 3-16</b>	<b>Tech. 3-13 3-17</b>

<b>Cougar Elementary School Specialists' Rotation</b>						
	<b>KA</b>	<b>KB</b>	<b>KC</b>	<b>1A</b>	<b>1B</b>	<b>1C</b>
<b>Day 1</b>	<b>PE</b>	<b>PE</b>	<b>PE</b>	<b>A</b>	<b>M</b>	<b>L</b>
<b>Day 2</b>	<b>A</b>	<b>M</b>	<b>L</b>	<b>PE</b>	<b>PE</b>	<b>PE</b>
<b>Day 3</b>	<b>PE</b>	<b>PE</b>	<b>PE</b>	<b>M</b>	<b>L</b>	<b>A</b>
<b>Day 4</b>	<b>M</b>	<b>L</b>	<b>A</b>	<b>PE</b>	<b>PE</b>	<b>PE</b>
<b>Day 5</b>	<b>PE</b>	<b>PE</b>	<b>PE</b>	<b>L</b>	<b>A</b>	<b>M</b>
<b>Day 6</b>	<b>L</b>	<b>A</b>	<b>M</b>	<b>PE</b>	<b>PE</b>	<b>PE</b>

**Community I 2-3 2:05-2:55**  
**Community II 2-3 10:45-11:35**  
**Community III 2-3 9:05-9:55**

**Community I K-1 1:15-2:05**  
**Community II K-1 12:25-1:15**  
**Community III K-1 9:55-10:45**