

Exploring Targeted Full Day Kindergarten

Master Capital Planning Committee

March 6, 2017

Areas of Focus

- Defining Program
- Research
- Potential Cost



Targeted Full Day Kindergarten

A program for identified kindergarten students who would benefit from additional instruction to build literacy, numeracy, language, motor and social skills.

Sometimes referred to as Extended Day Kindergarten (EDK)

Targeted Full Day Kindergarten

Program Models

- Identified students in separate class for full day
- Identified students in regular K half day and targeted class second half of day
- Identified students remain for additional time (~60 minutes) after/before regular half day



Research on Full Day Kindergarten

- Much research (comparative & longitudinal) suggests initial gains at end of kindergarten diminish in a few years (2nd grade to 5th grade).
- Fall 2005 comparative study of FDK and HDK no significant differences in Math and ELA achievement in 3rd grade suggest possible benefits of FDK for low SES students.
- Fall 2014 experimental study comparing FDK to HDK showed significant gains in kindergarten achievement.

Kindergarten Programs Locally

Bucks County

- Half Day – Palisades, Council Rock
- Full Day – Neshaminy, New Hope, Bensalem, Pennsbury, Centennial
- Targeted Full Day – Central Bucks, Morrisville, Quakertown, Bristol Township, Pennridge, Bristol Borough

Other Districts

- Half Day – North Penn, Souderton, Lower Merion, Tredyffrin-Easttown, Unionville
- Full Day – Upper Dublin, Wissahickon, Abington, Colonial, West Chester
- Targeted Full Day – Downingtown, Owen J. Roberts, Great Valley

Kindergarten Programs Locally

Central Bucks School District

- Identified students in separate class full day
- 3 sections in targeted Title I schools of the district (other schools not included)
- ~15 students per section
- ~6% of the kindergarten population
- Target students higher than bottom 5% of population based on data
- Begin program by 30th day of school
- 87% of EDK students reading at grade level by end of 3rd grade.

Estimating Cost of EDK

- Staffing & Location
- Resources
- Transportation
- Time (development of criteria, program)



Estimating Cost of EDK – Staffing/Location

- Adding equivalent of 2 teachers for 4 sections = \$250,000
 - Currently have 7 K teachers only teaching .5
 - Potential to shift some from .5 to 1.0 teachers
- Adding .2 special area teachers for each subject = \$100,000
- Need 4 classrooms (could be shared with regular K)

Estimating Cost of EDK – Resources

- Minimal if held in current K classroom
- Furnishing 1 empty classroom = \$3,500
- Instructional resources per classroom = \$2,000
- Analyze support schedules (reading & math specialist, instructional aids, OT, PT, Speech/Language) to determine inclusion of 4 EDK classes.
- Determine support during lunch/recess.

Estimating Cost of EDK – Transportation

- 4 sections of EDK in 4 different buildings
- Each section would include students from at least 2 buildings.
 - Example: Churchville/Maureen M. Welch, Goodnoe/Sol Feinstone
- Potential need for a bus for each section of students to transport them from homes to the host building to maintain reasonable time on the bus and distance traveled
- Cost for each bus = \$58,400

Estimating Cost of EDK – Time

Estimated ~\$7,000 in research and development

- Visit other EDK programs.
- Develop communication plan for parents/community.
- Determine assessments and criteria for eligibility and evaluation of effectiveness.
- Determine timeline for process from assessing to start date of program.
- Develop components of program.
- Select teachers for program (possible interviews).
- Provide professional development for teachers.

Estimating Cost of EDK – 4 Sections

Description	One-Time Cost	Annual Cost
Staffing		\$350,000.00
Resources	\$22,000.00	
Transportation		\$233,600.00
Time	\$7,000.00	
Total	\$29,000.00	\$583,600.00

Considerations for EDK in Council Rock

- Type of program & planning program details
- Identification of students
- Selection of teachers
- Location of classrooms
- Estimated costs
- Evaluation of effectiveness
- Implications with consolidation
- Implications with redistricting

