

NEIS and its Effect

National Education Information System

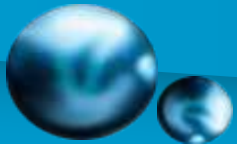


November 2010

Boseon KIM

KERIS

Korea Education & Research Information Service



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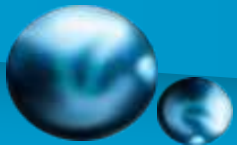
II . General Status & Effect



I . Overview of NEIS

□ NEIS stands for ...

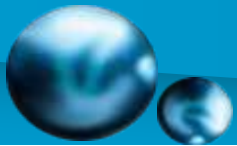
- National Education Information System
- A Web-based integrated administration system for Korea's education organizations
 - 16 Metropolitan and Provincial Offices of Education
 - 182 Local Offices of Education
 - 11,302 Schools(Elementary, Middle, High, and Special Schools)



I . Overview of NEIS

□ Goal

- Improving efficiency, transparency and convenience in education administration
 - Reducing the workload of teachers
 - Standardizing 2,272 document formats and work processes
 - Amending 22 laws and regulations
- Providing an easy access & high quality of education service to citizens
 - Parent service
 - Home-Edu Service
 - Public Announcement



I . Overview of NEIS

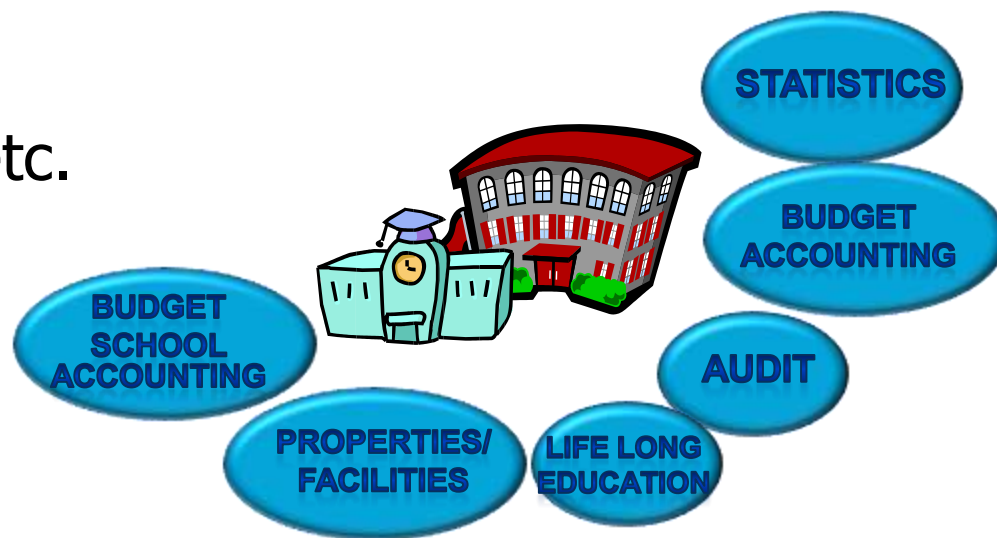
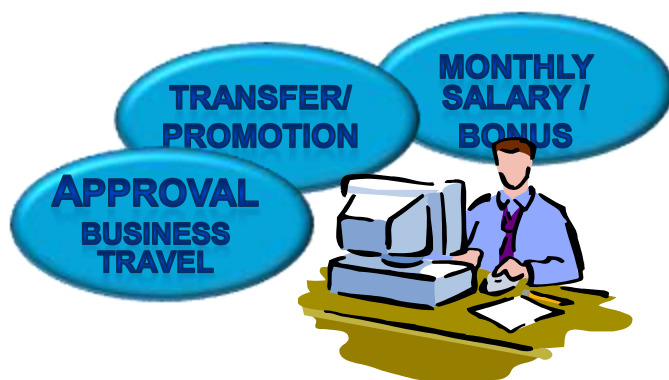
□ Scopes

- General affairs, since Oct. 2002
 - Handling general administration jobs for teaching and non-teaching staffs
 - Composed of 17 working areas
- School affairs, since Mar. 2003
 - Handling student information and school administration jobs
 - Composed of 6 working areas
- Civil services
 - Home-Edu (2003)
 - Parent Service (2005)
 - Public Announcements of all schools(2008)



I . Overview of NEIS

- ❑ Major working areas of General affairs
 - HR mgmt. for teaching and non-teaching staff
 - EduFine (Budget, Accounting, School Accounting)
 - EduFine: Education financial system
 - Payroll
 - Facilities, Properties
 - Education Statistics etc.





I . Overview of NEIS

□ School Affairs

- Academic Affairs System
- Student Health Care
- Admission (to a school of higher grade)
- Physical Education and PAPS
 - PAPS: Physical Activity Promotion System
- School Meals
- Supervision





I . Overview of NEIS

□ Civil Services

● Home-Edu Civil Service

- Online requirement & issuance of 25 documents
- <http://www.neis.go.kr>

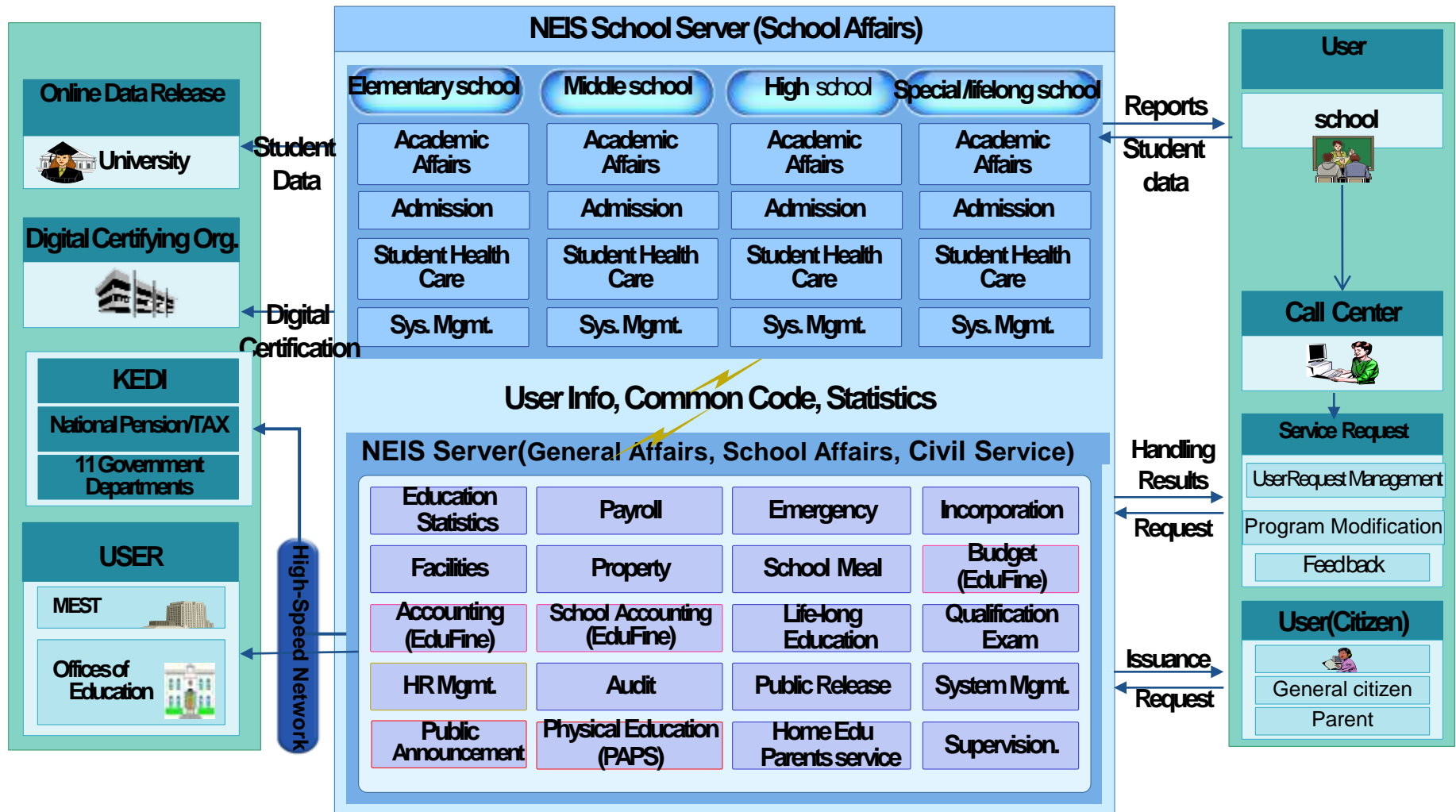
● Parent Service

- Knowing well and more about my children
- Providing 38 items of student information
 - curriculums, class attendance status, examination results, grades, school meals, teacher's comments, official letters from schools
- <http://www.parents.go.kr>

● Public Announcements

- Providing 39 items of school management information
- <http://www.schoolinfo.go.kr>

I. Overview of NEIS





I . Overview of NEIS

□ Role of organizations in NEIS operation

● MEST

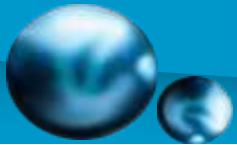
- Setting up NEIS related policies
- Amending NEIS related laws and regulations

● KERIS

- Setting up NEIS policy and execution plan
- Taking a role of NEIS Central Center
- Developing and operating NEIS S/W and H/W configuration

● 16 Metropolitan and Provincial Offices of Education

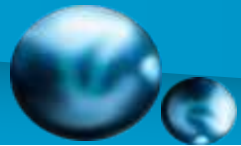
- Maintaining local NEIS H/W Center
- Supporting local users of schools



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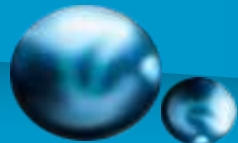
II . General Status & Effect



II. General Status & Effect

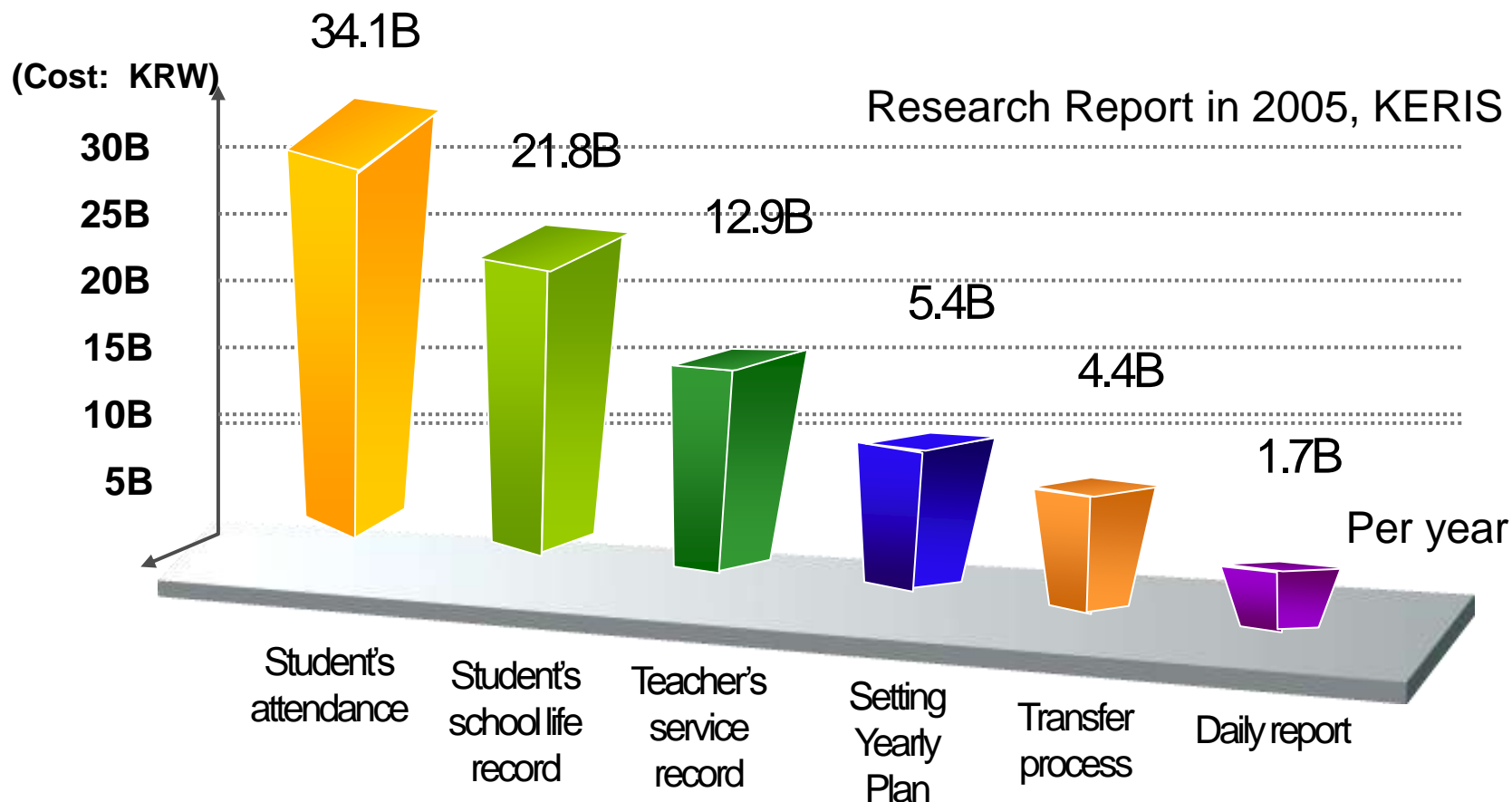
□ Estimation of cost reduction by reduced work
(as of 2005)

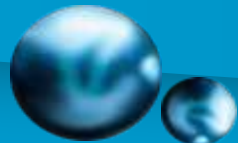
- School Affairs : 74.8B/year
- General Affairs : 50.8B/year
- Civil Service : 9.9B/year



II. General Status & Effect

□ Estimation of cost reduction of Academic Affairs





II. General Status & Effect

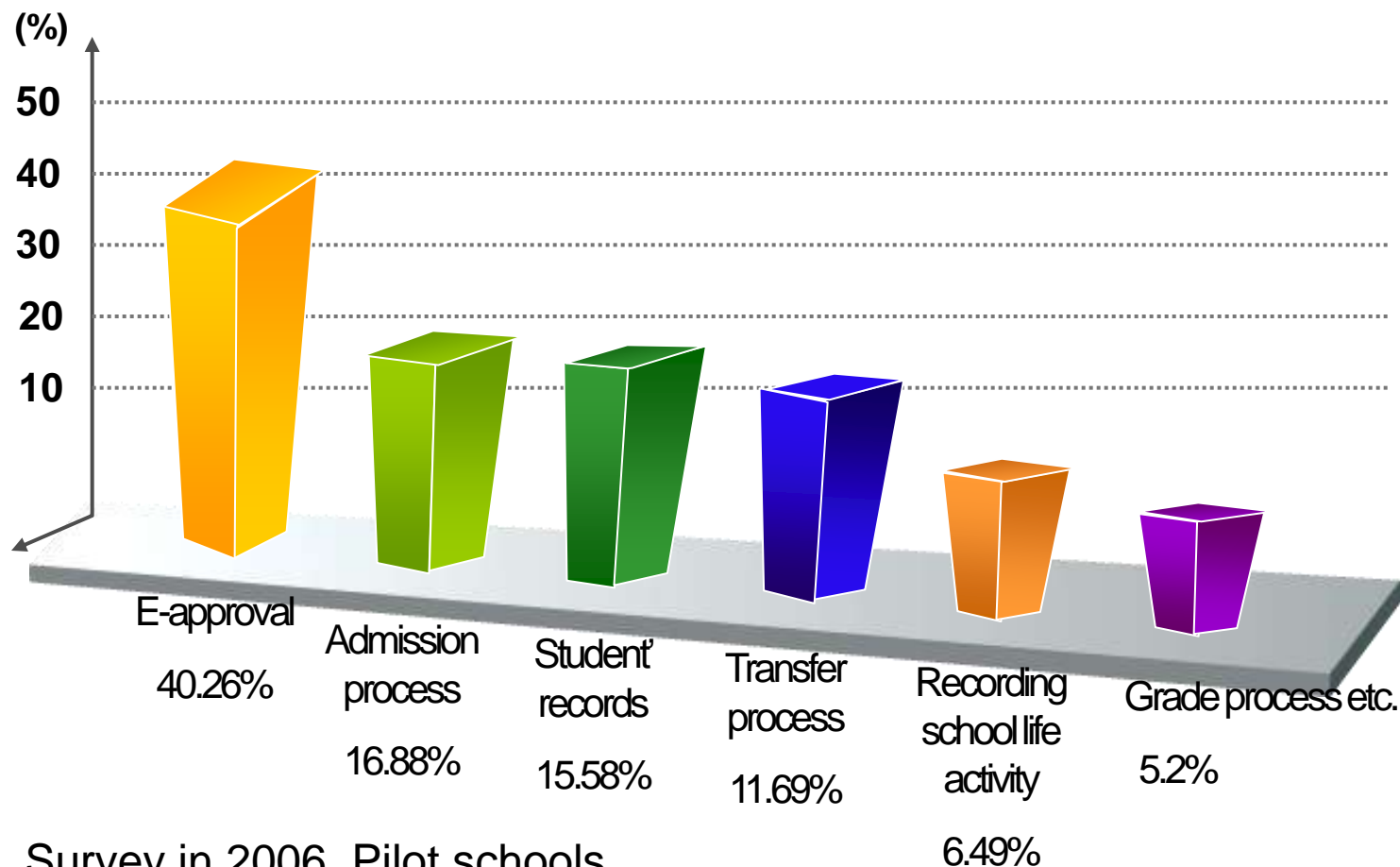
□ Inconvenience and discontent

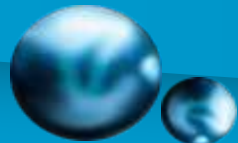
- Duplication of document management(NEIS digital document and Paper document) : 32.2%
 - Adopting E-Approval system
- Low speed : 31.0%
- Lots of data items to input : 15.6%
- Difficulties of system usage : 13.8%
- Difficulties of correcting input data : 7.5%



II. General Status & Effect

□ Satisfaction rate of reduced work areas in 2006





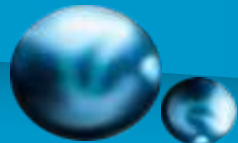
II. General Status & Effect

□ Adopting E-approval system

- Job burden in managing paper documents and handling NEIS : 32.2%(Dec. 2005)
- Standardizing e-document formats and electronic approval processes
- Implementing an e-approval system and providing guidelines (82 e-approvals out of 165 documents, 2009)

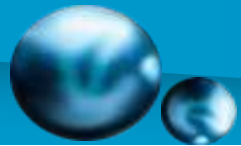
	Elementary School	Middle School	High School	Special School
Legal Doc.	3(3)	3(3)	4(4)	10(10)
Principal Doc.	22(7)	29(11)	29(11)	65(34)
Total	25(10)	32(14)	33(15)	75(43)

- Adoption rate of E-approval System : 11,039 schools (95.4%, Dec. 2006)



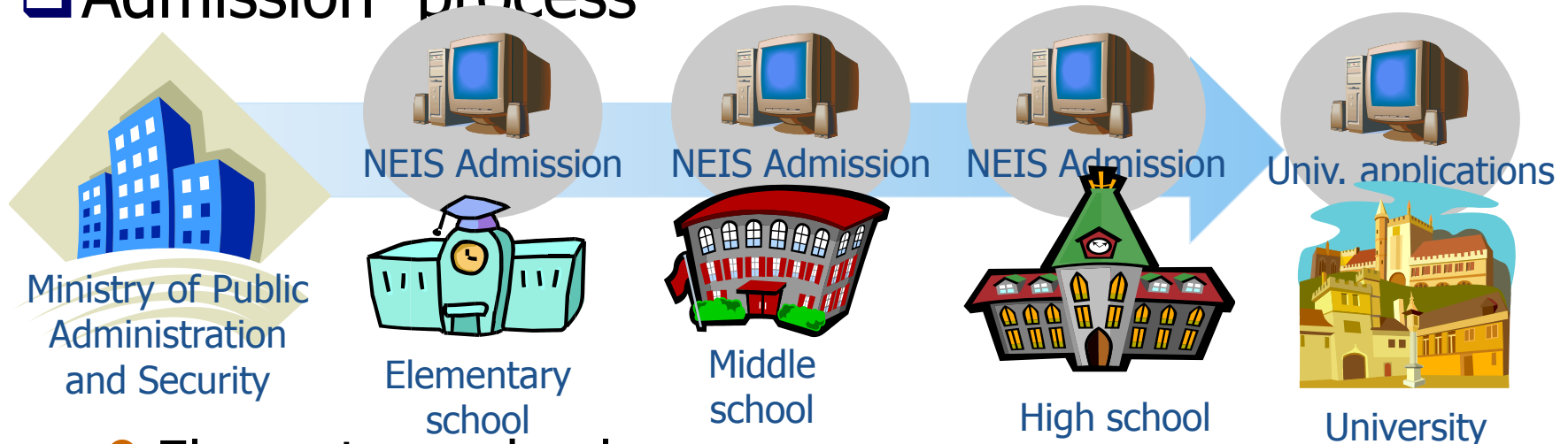
II. General Status & Effect

- Degree of satisfaction (Dec. 2006)
 - Electronic documents(paperless) : 53.7%
 - Unified working process through NEIS: 50.2%
 - Spending more time in teaching their students : 46.7%
 - Effect on quality of education
- Degree of satisfaction from job reduction at school
 - 29.2%(Jun. 2005)
 - 50.2%(Dec. 2006)
 - 77.7% (Dec. 2008)



II. General Status & Effect

□ Admission process



- Elementary school

- A list of new students to each elementary school

- Elementary to High schools

- Student health care report and personal information

- University

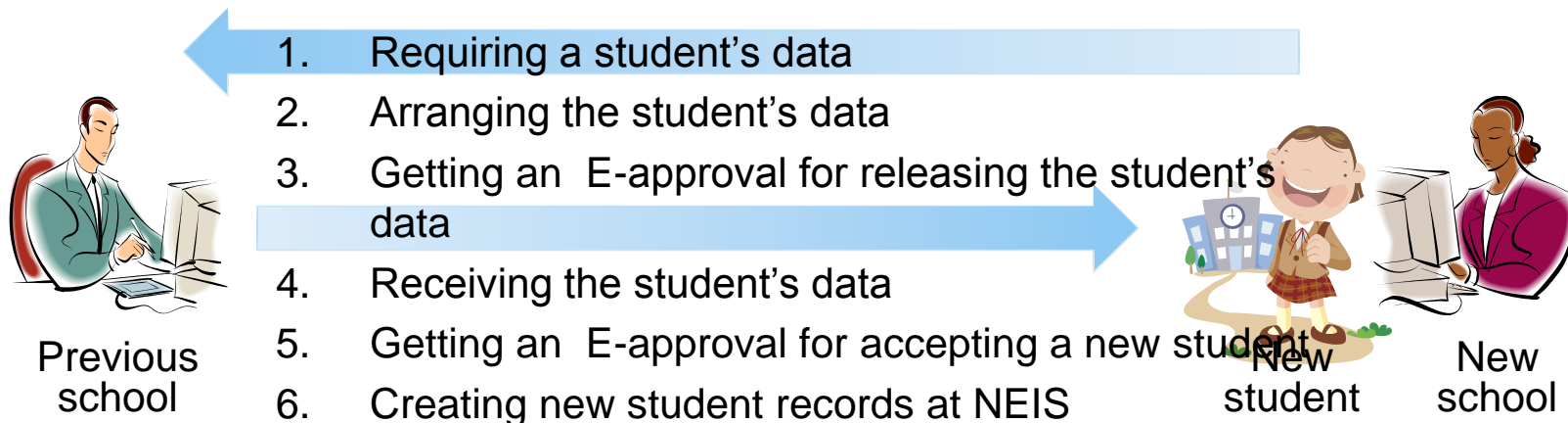
- A student's school life record from High schools



II. General Status & Effect

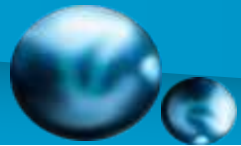
□ Transfer process

- Steps for student transfers



- Time savings in job processing related to student transfers

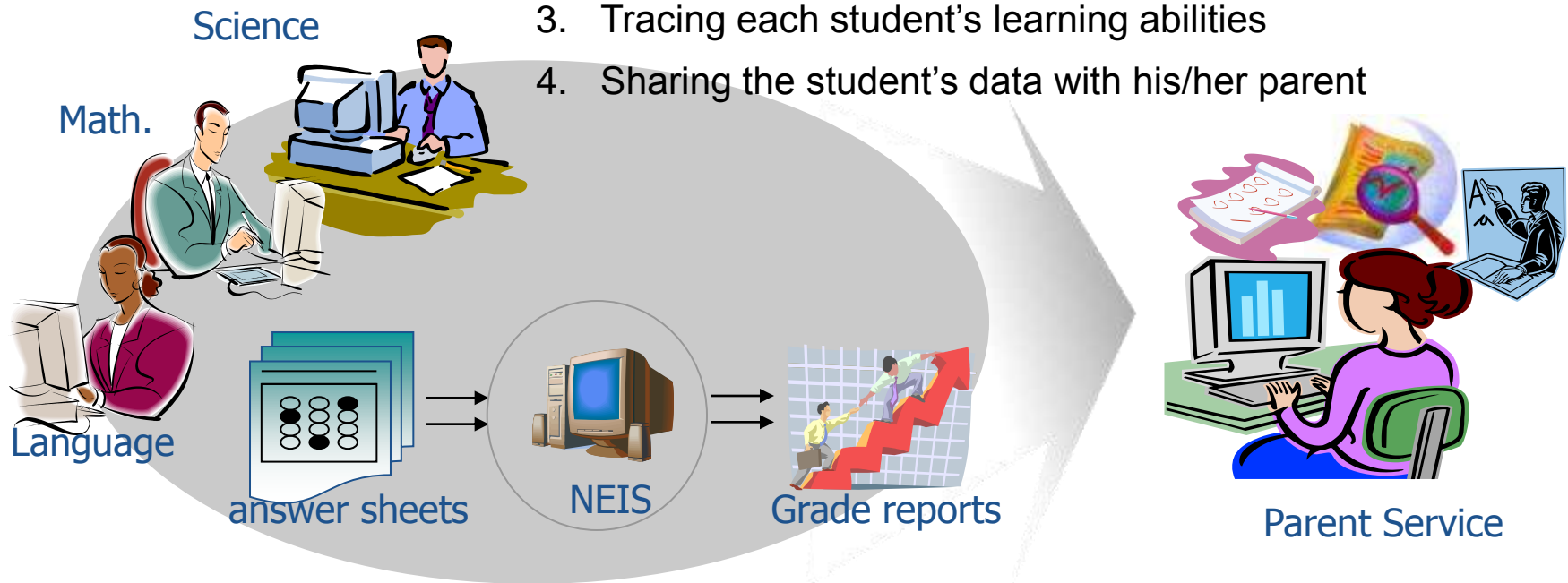
- Before NEIS : 60 minutes → After NEIS : 30 minutes(2006)

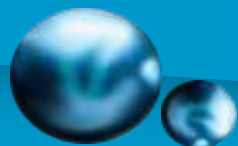


II. General Status & Effect

□ Grade analysis process

1. Recording each student's activities and performances
2. Producing grade scores and analysis reports
3. Tracing each student's learning abilities
4. Sharing the student's data with his/her parent



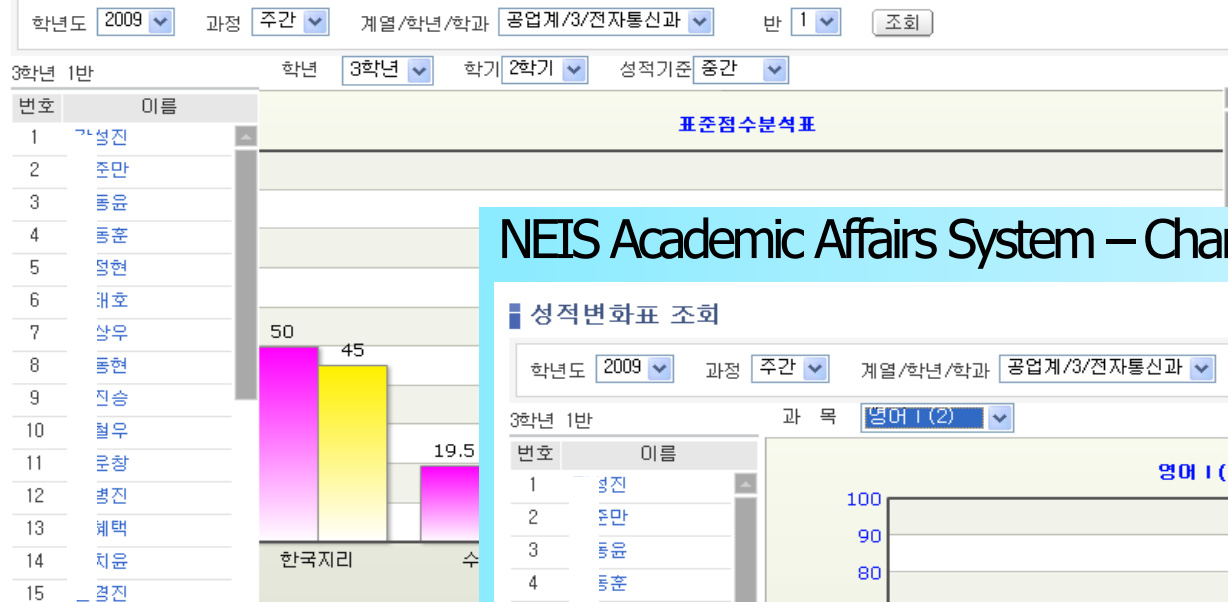


II. General Status & Effect

NEIS Academic Affairs System – Analysis of student's score

표준점수분석표 조회

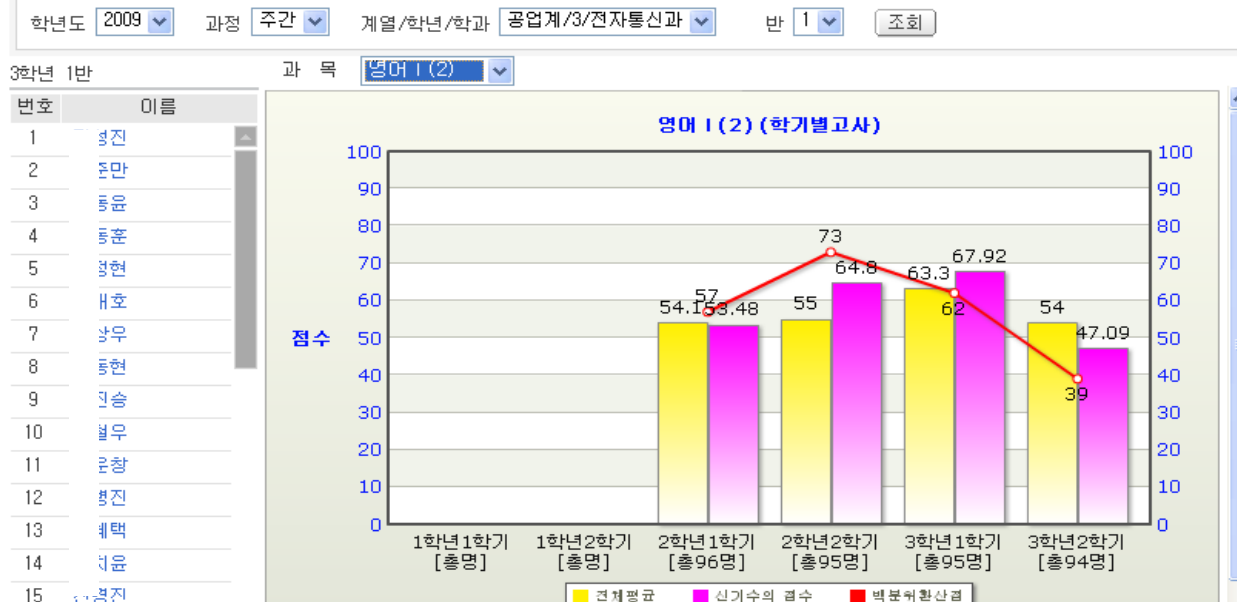
도움말

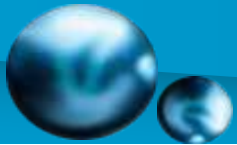


NEIS Academic Affairs System – Changes of student's score

성적변화표 조회

도움말





Dr. Boseon KIM
ysoonkim@keris.or.kr
NEIS Center, KERIS, Seoul, KOREA