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August 9, 2006

MEMORANDUM

TO: Legislative Education Study Committee

FR: Pamela Herman
Sharon Caballero

RE: STAFF BRIEF: COLLEGE/WORKPLACE READINESS AND HIGH SCHOOL REDESIGN: ALIGNMENT OF HIGH SCHOOL END-OF-COURSE TESTS WITH HIGHER EDUCATION PLACEMENT TESTS

The 2006 Interim Workplan for the Legislative Education Study Committee (LESC) includes monthly presentations regarding the college/workplace readiness of New Mexico high school students. This presentation focuses on the alignment of high school curricula and end-of-course tests with higher education placement tests.

Issues:

In 2003, the LESL endorsed and the Legislature passed HB 212, *Public School Reforms*, to restructure and reform the New Mexico system of public education. One key provision in HB 212 as well as separate legislation in the House and Senate was a new section in the *Public School Code* requiring that high school curricula and end-of-course tests be aligned with the placement tests administered by two- and four-year public postsecondary institutions in New Mexico. The legislation was proposed by the LESL based on testimony from the National Conference of State Legislatures (NCSL) and others during the 2001 interim urging the alignment of high school curricula with college placement requirements. The LESL has included progress reports on implementation of this law in every interim workplan since 2003 when the law was enacted.

What is alignment?

- Alignment of high school curricula with college placement tests is one step in the standards-based reform movement to develop a streamlined P-20 educational system.
- As a policy initiative, alignment provides a bridging framework between educational levels by ensuring that students exiting high school are prepared with the appropriate knowledge and skills to enter the workplace or higher education.
- Alignment includes the process of matching high school content standards with college admission and placement requirements and employer expectations so that students will be ready to take college-level coursework or meet workplace requirements.
- In mandating test alignment, the New Mexico Legislature echoed efforts across the nation to smooth the transition between high school and postsecondary education. One highly visible initiative is the American Diploma Project Network sponsored by Achieve, Inc., a national nonprofit organization committed to aligning high school standards, assessments, graduation requirements and accountability systems with the demands of college and the workplace.¹
- Several states have acted, often through legislation, to embed a college readiness indicator as part of a high school level examination system, according to the Education Commission of the States (ECS). Such an indicator can serve as an outcome for students, schools, districts and states to measure the success of the high school-college alignment process. Most states focus on English and math alignments.

Why is alignment important?

According to testimony presented by the Center for Education Policy Research to the LESC regarding the Standards for Success project, alignment can:

- reduce or eliminate the number of students who need remediation in college;
- help students prepare better for success in college-level coursework or the workplace; and
- increase the value of test results from high school.

The committee has frequently heard testimony regarding the low level of academic achievement of high school students in New Mexico, reflecting the need for a stronger focus on college readiness:

- *Measuring Up 2004*, the state report card on higher education prepared by the National Center for Public Policy and Higher Education, gave New Mexico an “F” for preparation of students for higher education. The report notes in particular the very small percentages of New Mexico middle school students enrolled in algebra, and high school students enrolled in the upper-level math and science courses, that research confirms are necessary for college success.

¹ The American Diploma Project (ADP) is an initiative launched by Achieve, Inc., in partnership with the Education Trust and the Thomas B. Fordham Foundation. The initiative has been subsumed by the American Diploma Project Network, which is dedicated to making sure every high school graduate is prepared for college or work. The ADP began as a result of a two-year research project that resulted in a 2004 report including benchmarks for English and mathematics that describe specific content and skills that graduates must master by the time they leave high school if they expect to succeed in postsecondary education or in high-performance, high-growth jobs. Subsequent ADP reports have assessed the rigor of state high school exit exams and high school course-taking requirements.

- High school dropouts, of course, face enormous barriers to enrolling and succeeding in postsecondary education, and New Mexico has an elevated high school drop out rate.
 - According to *Diplomas Count: An Essential Guide to Graduation Policy and Rates* released in June 2006, New Mexico public high school graduation rates for school year 2002-2003 were 56.7 percent, compared to the national average of 69.6 percent. This is based on a “cumulative promotion index” to estimate the probability that a student in grade 9 will complete high school on time with a regular diploma. Only two states ranked lower than New Mexico: Georgia (56.3 percent) and Nevada (55.9 percent).
 - The Public Education Department (PED) reports a one-year retention rate of 72.5 percent for 9th graders in school year 2004-2005 who enrolled in grade 10 in fall 2005, tracked using the unique student identification number system required by the Legislature in 2004. (PED states that by 2008 it will be able to calculate graduation rates for all New Mexico high schools using cohort data that shows the percent of students entering grade 9 who graduate with a standard diploma within four years.)
- The annual report of schools making adequate yearly progress (AYP) from PED in August 2006 indicated that of the 416 schools around the state that did not make AYP, 397 missed the mark because of low student performance on state reading and math assessments.
- Even if high school students succeed in earning a diploma, about half of recent New Mexico high school graduates require remediation in college, according to preliminary results of a study by the Office of Education Accountability presented to the LESC in May 2006. Of approximately 35,650 students who entered a state public postsecondary institution directly after graduating from a New Mexico high school over a five year span from 2000 to 2004:
 - approximately 49 percent required one or more remedial classes in mathematics or literacy skills, with results by discipline as follows:
 - ✓ approximately 41 percent took remedial classes in mathematics (“numeracy or computational skills”); and
 - ✓ approximately 31 percent took remedial classes in literacy or communication skills;
 - the percentage of public high school graduates who took college remedial courses varied depending on the ethnicity of the student, as follows:
 - ✓ approximately 66 percent of all Native Americans;
 - ✓ approximately 58 percent of all Hispanics;
 - ✓ approximately 55 percent of all Black, non-Hispanic students;
 - ✓ approximately 38 percent of all Asian or Pacific Islanders; and
 - ✓ approximately 36 percent of all White, non-Hispanic students; and
 - New Mexico’s public high schools varied in the percentage of their graduates who took remedial courses ranging from a low of approximately 16 percent to a high of approximately 83 percent.

- *Measuring Up 2004* shows that New Mexico is one of the lowest performing states in the percentage of young people earning a high school credential, losing many students at every juncture in the “educational pipeline”:
 - for every 100 students who enter grade 9, about 60 are likely to earn a high school diploma;
 - of those 60 students who are graduated from high school, about 33 are likely to enroll in college within one year;
 - of those 33 enrolling in college, 24 persist through the first year; and
 - of those 24, only 11 graduate with an associate degree in three years or bachelor’s degree in six years.

How can New Mexico achieve high school-college alignment and what progress has been made toward meeting the requirements of the current law?

High school curricula and end-of-course tests shall be aligned with the placement tests administered by two- and four-year public educational institutions in New Mexico.

The department of education shall collaborate with the commission on higher education in aligning high school curricula and end-of-course tests with the placement tests.

[Section 22-2-8.11 NMSA 1978]

Authorities on the subject of high school-college alignment such as Achieve, Inc. and the Center for Educational Policy Research recommend that the alignment process begin by aligning content and performance standards and proceed from there to course and test alignment. To align standards, the state should engage in a three-step process:

1. Conduct an external review of state high school content standards using as a yardstick a national model such as those promulgated by the College Board, American Diploma Project, or ACT, Inc.

New Mexico has accomplished the following:

- a. PED provided the LESC with documentation during the 2004 interim from the College Board illustrating substantial alignment between the New Mexico standards for math and English and the “Standards for Success” developed by the Center for Education Policy Research and recommended by the College Board (see Attachment 1).
 - b. However, in December 2005 that analysis was described before the committee as “very general” by the Center, implying that a more detailed analysis would be helpful.
2. Convene cross-sector (K-12 and postsecondary) teams by discipline, first to clarify the performance standards expected of exiting 12th graders, and then to expand grade 12 standards to align fully with postsecondary success standards.

New Mexico has accomplished the following:

- a. In the 2004 interim, a representative of the New Mexico Association of Community Colleges (NMACC) testified that higher education faculty members in math and English had reviewed the competencies in the national Standards for Success promulgated by the Association of American Universities and determined which should be taught in high school and which in college. A copy of this list of competencies submitted by NMACC to the LESC staff in 2005 may require updating. (see Attachment 2).

- b. In the 2005 interim, representatives of the Higher Education Department (HED) Articulation Task Force described the process by which curricula of lower division common core courses at state public postsecondary institutions were being aligned in the process of creating the common course name and numbering system required by statute. The task force has identified outcome measures (competencies) for each of the five areas of the New Mexico Common Core Curriculum and made them available on HED's website. According to HED these competencies would require further definition before they can be aligned with high school performance standards.
3. Discuss and reach consensus on a set of 12th grade performance standards that ensure that all students are ready for college level coursework and the workplace. This policy decision may mean increasing standards for high school graduation to the level of college readiness, or it may mean explicitly differentiating two high school graduation standards: One for college readiness and one for those who do not meet the rigorous high school coursework necessary for college-level coursework.

New Mexico has not yet accomplished this task.

Once high school exit and college entry level *standards* are aligned through this three-step process, alignment of *coursework* and *assessments* can proceed.

Course Alignment

- According to the Center for Educational Policy Research, course alignment would require analysis (a curriculum audit) of a representative sample of exit-level high school courses and corresponding entry-level courses at each postsecondary institution in the state compared to the revised 12th grade performance standards.
 - The HED Articulation Task Force has developed a matrix of course alignments for two year and four year core courses in math and English that indicates the courses at all public institutions that cover the same competencies. At the high school level, PED would need to implement a formal process for analyzing exit-level high school courses.

Assessment Alignment

- The state assessments developed for grades 3-9 and 11 in response to New Mexico's *Assessment and Accountability Act* and the federal *No Child Left Behind Act of 2001* are standards based.
 - A newly released report (July 20, 2006) from the American Federation of Teachers (AFT), *Smart-Testing: Let's Get It Right*, lists New Mexico as one of just 11 states that have strong K-12 content standards with transparent documentation that assessments align with the standards.
- PED states that the current examination administered by the department to satisfy the statutory graduation requirement, the *New Mexico High School Competency Examination*, is a basic skills test that is not aligned with state high school standards.

- At the June 2006 LESC meeting, a PED representative presented possible changes to the *New Mexico High School Competency Exam* that would help to address the mandate to align high school exit tests with postsecondary placement tests, possibly eliminating one high stakes test for New Mexico students, as follows:

- New Mexico could use the 11th Grade Standards Based Assessment (SBA) both as a graduation test and an indicator of college readiness. The first step is two tier: establish the relationships between the 9th Grade and the 11th Grade Standards Based Assessment; the Preliminary Scholastic Aptitude Test (PSAT)², the pre-ACT PLAN, and the 9th Grade Standards Based Assessment; and the SAT, the ACT and the 11th Grade Standards Based Assessment. This process establishes predictors for grade 11 success based on 9th grade tests, and would allow schools to provide appropriate remedial instruction in grades 10, 11, and 12.

The second step would be to establish cut scores for graduation and for college readiness. PED recommended the Bookmark Standards Setting Procedure as the process to use to develop cut scores. The Bookmark process uses level or content experts who agree on tiered standards, examine tests that students will take, and in a series of ratings establish the cut scores.

- Another alternative suggested by PED included moving the 11th grade standards based assessment to grade 10, and requiring the administration of the ACT test in grade 11 at state expense. PED cautioned there would be AYP issues that would have to be addressed. (Some states are requiring the ACT in grade 11, and a few have requested and expect to receive federal approval to use the test for determining AYP).
 - ✓ The *New Mexico Assessment and Accountability Act* requires the administration of standards based assessments in high school grades 9 and 11. NCLB, on the other hand, only requires that a standards based exam be administered once in grades 10 to 12.

How other states are providing for “college readiness” indicators at the high school level

States are taking various approaches to measure the alignment of their high school exit standards, coursework and assessments with college entrance standards as follows (see table, Attachment 3):

- **Offering voluntary assessments aligned with college-readiness standards:**
 - **California offers students a chance to take a voluntary assessment aligned with college-readiness standards.** In 2004, the state of California began offering high school juniors the option to take the California Early Assessment. This is a voluntary supplement to the mandatory 11th grade assessment in language arts and mathematics, with items developed by the California State University system. Students who score well enough on these items may be exempt from required entry-level college courses; low scoring students can elect appropriate coursework during grade 12. The California Early Assessment Program includes a teacher professional development component.

² The PSAT is a standardized test offered by the College Board as practice for the SAT; it measures critical reading, math problem solving, and writing skills. The College Board states that PSAT results provide feedback on skills necessary for college study and give an early idea of how students will perform on college admission tests, as well as alerting school staff to students who might benefit from taking Advanced Placement classes.

- **Administering state assessments with embedded college-readiness indicators:**
 - **Texas has set a college-readiness “cut score” for the state assessment required for high school graduation.** Beginning in 1987, the Texas Academic Skills Program (TASP) required public two- and four-year postsecondary institutions to administer a common placement instrument. In 2003, the Legislature created the Texas Success Initiative, which requires that the mandatory 11th grade state standards-based assessment (Texas Assessment of Knowledge and Skills, or TAKS) include a college-readiness component.
 - ✓ Texas used a research process similar to that described by PED at the June 2006 LESC meeting to validate a college-readiness cut-score for the 11th grade standards based assessment.

- **Requiring all high school students to take a college placement test:**
 - **Illinois:** Since spring 2001, Illinois has required all students in grade 11 to take the ACT, two Workkeys³ components (Reading for Information and Applied Mathematics) and a state-developed science assessment. The results are included on students’ transcripts and used for determining school and district AYP, but do not carry “high stakes” for graduation.
 - **Colorado:** Since spring 2001, Colorado has also required all students in grade 11 to take the ACT. The results are used to rate schools for state accountability purposes but not for AYP; results are included on students’ transcripts but scores do not determine whether or not a student graduates from high school.
 - **Michigan:** In spring 2007, Michigan will replace the Michigan Educational Assessment Program with the Michigan Merit Exam for grade 11 that includes the ACT and Workkeys tests. Michigan intends the results to be used to determine AYP.
 - **Kentucky:** In spring 2007, Kentucky will require students in grade 11 to take the ACT and in grades 8 and 10 to take the pre-ACT tests known as EXPLORE and PLAN. No later than school year 2007-2008, Kentucky will also offer students in grades 10, 11, and 12 the opportunity to take the Workkeys test at state expense.
 - **Maine:** In 2006, the state of Maine began requiring all 11th grade students to take the SAT, and in 2007 will also require students in grade 10 to take the PSAT. Maine intends to use the SAT as its state high school level standards based exam; however, it has not yet received permission to do so from the United States Department of Education.
 - According to ACT, in Illinois and Colorado the strategy of requiring the ACT test has contributed to significantly increased in-state college enrollment, particularly among low-income and minority students. ACT also reports that after the test became mandatory more students in Colorado achieved scores at least at the low end of college readiness.

³ Workkeys assessments, according to ACT, Inc. which markets them, are designed to give students and workers reliable relevant information about workplace skill levels including reading, mathematics, writing, locating information, teamwork, observation, listening, applied technology, and readiness.

- **Providing middle and high school students with voluntary opportunities to participate in pre-ACT assessments (the Educational Planning and Assessment System [EPAS]) or the PSAT:**

- **Arkansas and Oklahoma:** Since 1993, these two states have paid the full cost for any students who wish to participate in the EPAS, consisting of the EXPLORE (grade 8 or 9), PLAN (grade 10), and the ACT (grade 11). This system provides students with scholarship, college, and other resource information.
- **Louisiana:** In 2001, the Louisiana higher education system began providing the opportunity for all middle and high school students to take the EXPLORE and PLAN tests at state expense. In Louisiana, approximately 85 to 90 percent of Louisiana 11th grade students also take the ACT, at their own expense. The Louisiana education department indicates that both the National Assessment of Educational Progress and the ACT scores in Louisiana have risen faster than the national average since the EPAS initiative was implemented.
- **South Carolina and Florida** provide every public high school with funds to give any 10th grade student the opportunity to take the PSAT or the PLAN.
- **In New Mexico**, many 10th grade students will have the opportunity to take the PSAT at state expense in school year 2006-2007. Using some of the funds appropriated for Advanced Placement (AP), PED recently issued a Request for Proposals that includes a PSAT pilot project to identify students who should be counseled to take AP classes. The study will include all 10th grade students in 14 school districts (Albuquerque, Bernalillo, Deming, Farmington, Gadsden, Gallup-McKinley, Los Lunas, Portales, Rio Rancho, Roswell, Santa Fe, Socorro, Taos, and Zuni), approximately 15,990 students. The College Board states that PSAT is a predictor of the score a student will receive on the SAT which is taken in grade 11 and could be used as a college-readiness indicator.

- **Providing high school students with opportunities to take other college placement assessments:**

- Several New Mexico postsecondary institutions, such as the Doña Ana branch of New Mexico State University, Central New Mexico Community College, Eastern New Mexico University-Roswell and Northern New Mexico College state that they travel to high schools in their regions to provide students with opportunities to take the Accuplacer, Compass or another college placement test, and meet with students and their families to counsel them regarding what high school or dual enrollment coursework a student needs to become college-ready.

Options the committee may wish to consider, alone or in combination, to speed up the alignment process:

According to the ECS, the vast majority of jobs of the 21st century will require some postgraduate education or training. In order to help ensure that students are prepared for these jobs, ECS catalogs initiatives taken in a number of states to embed college readiness indicators in high school curriculum or assessments. These are the outcome indicators that show if educational systems are aligned for individual students, schools, districts, and whole states. Based on the experience of other states engaged in P-20 alignment, some of which are described above, there are several policy

options that New Mexico could choose to pursue alone or in combination so that students know if they are college-ready, and educators, legislators, and the public know if schools are producing college-ready graduates and meeting the requirements of 2003 law on alignment. The LESC could:

1. Recommend a requirement that all 8th and/or 10th grade students take pre-college placement tests such as EXPLORE and/or PLAN to provide data for students and high schools on college-readiness so that necessary remediation can be provided, and make an appropriation for the estimated per-pupil cost of tests. Louisiana and other states are doing this (see p. 8).
2. Require that public two- and four-year postsecondary institutions expand administration of Accuplacer, Compass, or other college placement tests to all 11th grade students in New Mexico as being done by Central New Mexico Community College, Eastern New Mexico University, and others and make an appropriation for the estimated per-pupil cost of tests. However, alignment of these placement tests with high school standards would need to be established.
3. Require that all New Mexico 11th grade students take the ACT or another college admissions test, and make an appropriation for the estimated per-pupil cost of tests. Colorado and other states are doing this (see p. 7).
4. Recommend an appropriation to expand the PED PSAT pilot study to include all New Mexico 10th graders so a college readiness indicator is embedded at the high school level to predict student achievement on the SAT and provide direction for students and high schools about necessary remediation (see p. 8). However, New Mexico is an ACT state.
5. Endorse the PED proposal to use the 11th grade New Mexico Standards Based Assessment both as a graduation test and an indicator of college readiness (see page 6).
6. Join the American Diploma Project Network, which would enable New Mexico to participate in Achieve's alignment initiative. This formal alignment process provides an initial side by side comparison (SBS) of the state's high school standards with the American Diploma Project (ADP) benchmarks in English and mathematics. The comparison is used to identify gaps between expectations for high school and for college and work. Achieve is currently assessing interest in a third cohort among states for school year 2006-2007. Achieve's priority is to respond to the needs of the 22 states that are members of the ADP network. Non-member states may participate as space permits. This alignment process would take 10 to 15 months.

Conclusion:

- The article "Teachers and the Uncertain American Future," a July 2006 report by the College Board's Center for Innovative Thought, brings the whole discussion of educational reform, standards-based assessments and school alignments back to the key players in any reform movement: teachers. "It is now apparent that most of our efforts at school reform will come to nothing unless teachers are up to the task. Standards-based reform may be the lever that sets in motion the improvements the United States has sought in its schools for decades." The report goes on to say that successful school innovations rest on the time, talent, and skills of teachers as they are the center of education. This may be no truer for any state than New Mexico.

Background:

Research indicates that many students are ill-prepared to enter the workplace or higher education upon graduation from high school. This research has centered primarily on the number of students in remedial courses in public higher education, graduation rates of students needing remedial courses, students entering the workforce, and opinions of leaders of business and industry. The costs of repeating coursework and delayed graduation, and the fear of loss of America's global economic competitive advantage, are pushing states to evaluate their high school curricula and graduation requirements. At the national level, numerous authorities have advocated for a better aligned public high school to college pipeline, including the following:

- *The Toolbox Revisited*, a follow-up to *Answers in the Toolbox* in 1999, describes a longitudinal analysis of higher education attainment by the students who graduated from United States high schools in 1992 and attended a four-year college any time through December 2000. The study finds that “academic momentum” and the academic intensity of a student’s high school curriculum are the most influential factors in whether or not a student attains a bachelor’s degree.
- The ACT Policy Report “Courses Count: Preparing Students for Postsecondary Success” warns that “rigorous college preparatory course sequences – particularly in English, mathematics, and science – are critical to preparing students for postsecondary education and work. Yet large numbers of students still do not participate in the most beneficial courses, and there is little evidence that the high school curriculum is rigorous enough to ensure that most students are adequately prepared for postsecondary success.”
- *Ready for College and Ready for Work: Same or Different?*, a report by ACT, Inc., provides evidence that whether planning to enter college or workforce training programs after graduation, high school students need to be educated to a comparable level of readiness in reading and mathematics. Graduates need this level of readiness if they are to succeed in college-level courses without remediation and to enter workforce training programs ready to learn job-specific skills.

Since at least 1998, as part of its statutory mandate regarding teacher preparation programs, the LESC has studied education reform issues related to integrated P-20 system planning for public education. The P-20 initiative began with the creation of the Teacher Education Accountability Council (TEAC) and continued to include changes in graduation requirements, dual enrollment policy, the requirement for test alignment, and most recently a presentation regarding the high level of remediation in college required for New Mexico high school graduates. The LESC has heard testimony or taken action as follows regarding high school-postsecondary alignment:

- In the 1999 special session, the LESC endorsed and the Legislature passed HJM 5, *High Quality Teachers*, requesting the LESC, in cooperation with the State Department of Education (SDE, now PED), the Commission on Higher Education (CHE, now HED) and New Mexico teacher preparation programs to create a systematic plan for the recruitment, preparation, induction, professional development, and support of high-quality teachers. One result of the work requested by HJM 5 was the creation of TEAC.

- In 2000, the LESC heard testimony from deans of public postsecondary schools of education and experts from Colorado and Connecticut regarding the value of partnerships between public K-12 systems and higher education, noting they are effective in combining resources, in grounding schools in research, and in grounding universities in practice.
- In the 2001 interim, the LESC examined teacher quality and P-16/K-16 initiatives as a focus area of its workplan. The LESC met with the leadership of the six public and two private four-year institutions of higher education to develop a plan to consider the potential alignment of teacher preparation curricula with the K-12 standards and benchmarks to increase student achievement.
- In 2002, the LESC Ad Hoc Subcommittee for Education Reform included the role and structure of a P-20 statewide system of education within its focus. In the 2003 session, the LESC endorsed and the Legislature passed SJM 6, *Integrated Education System Plan*, requesting the conversion of TEAC into a P-20 education advisory council for New Mexico, to provide agreed-upon core learning goals to raise the bar of academic achievement for all students at all levels and improve the New Mexico educational system through an aligned policy between public schools and higher education.
- In 2003 as noted, the LESC endorsed and the Legislature passed comprehensive statewide reforms including the requirement to align high school curriculum and school end-of-course tests with higher education placement requirements, so that students know whether or not they are prepared for college-level work while they still have time in high school to remedy any lack of preparation.
- Because of its interest in seeing this alignment proceed, for the 2004 interim the LESC requested that PED and CHE provide it with multiple progress reports concerning efforts to address the statutory mandate. At the end of the interim, the LESC received the following information:
 - A November 2004 report summarized the activities of PED and CHE in collaboration with NMACC to address alignment by focusing on aligning standards. The report proposed a statutory amendment that would have deleted the current law and replaced it with a provision that would have aligned high school end-of-course tests with New Mexico content standards and postsecondary entrance competencies.
 - In December 2004, the LESC heard testimony from Dr. David T. Conley, Director of the Center for Educational Policy Research at the University of Oregon, regarding the *Standards for Success* project and the process of aligning high school curricula and postsecondary placement tests.
 - ✓ A report from the project, entitled *Mixed Messages*, highlights the finding that most state exams may not align well enough with college success standards to give high school students and teachers meaningful feedback about college readiness. The report recommends that leaders of state secondary and postsecondary systems devise strategies to increase the alignment between state K-12 standards and assessment systems and postsecondary admissions and placement policies.
- In the 2005 interim, the LESC requested that the Secretary of Higher Education take responsibility for the alignment process. Subsequently the Secretaries of Higher Education and Public Education created a joint task force on alignment to recommend a plan for achieving the mandate of alignment. The task force reported its recommendations to the LESC in June 2006.

Questions the committee may wish to consider:

1. How will the process of high school-college alignment intersect with the committee's consideration of alternative pathways to high school graduation or other initiatives, if at all? Must one policy agenda be resolved prior to the other?
2. What is the relationship, if any, between requiring a rigorous high school curriculum aligned with entry level college expectations and the high school dropout rate?
3. How will more rigorous expectations for high school students affect the demand for highly qualified teachers and more intensive teacher professional development?
4. How should educators at the K-12 and postsecondary level be empowered to participate meaningfully in crafting an appropriate framework for high school-college test alignment?
5. What other strategies or policies, beyond alignment of curriculum with placement tests, will be needed to ensure a seamless transition for students to postsecondary success?
6. What measures are in place to determine if high school administrators and teachers understand and use the current standards throughout the state?
7. Does the Standards Based Assessment at grade 11 measure the level of English and mathematics skills necessary for high school exit and entry into college?
8. What further information or expert testimony does the committee need in order to more fully consider the available options?