Parent Perspective

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**Absences**

1. Total Number of days student has missed class for a assigned staff and facility

select s.StudentID,s.StudentName,f.FacilityName,st.StaffFirstName,count(a.AbsenceID) as TotalAbsences,d.SchoolMonthName from dimStudent s, dimFacility f,

dimStaff st,factAbsence a,dimDate d

where

s.StudentID=a.StudentID and

f.FacilityID=a.FacilityID and

st.StaffID=a.StaffID and

d.DatePK=a.AbsenceDate and

s.StudentID=3400

group by s.StudentID,s.StudentName,f.FacilityName,st.StaffFirstName,d.SchoolMonthName;

1. Dates on which student missed class for each staff.

select a.AbsenceDate, s.StaffName

from dbo.factAbsence a, dbo.dimStaff s

where s.StaffID= a.StaffID

1. Description of each absence of student with absence code status –excused in Special Programs

select distinct(a.SISStudentID), s.StudentName, d.Program,k.MonthName,COUNT(a.AbsenceID) from factAbsence a,

dimStudent s, factSpecialProgram f, dimSpecialProgram d,dimAbsenceCode c,dimDate k

where a.SISStudentID=s.SISStudentID and

s.SISStudentID=f.SISStudentID and

f.ProgramID=d.ProgramID and

c.AbsenceCodeID=a.AbsenceCodeID and

s.SISStudentID=460 and

c.Unexcused='Y' and

k.DatePK=a.AbsenceDate

group by a.SISStudentID,s.StudentName, d.Program,k.MonthName,a.AbsenceID;

1. Number of absences of student with absence code description in-(IN SCHOOL SUSPENSION, OUT OF SCHOOL SUSPENSION, UP FOR EXPLUSION-UNEXCUSED)

select count(a.AbsenceID) AbsenceCount

from dbo.factAbsence a, dbo.dimAbsenceCode ac

where ac.AbsenceCodeID= a.AbsenceCodeID

AND ac.AbsenceCodeDesc in ('IN SCHOOL SUSPENSION', 'OUT OF SCHOOL SUSPENSION', 'UP FOR EXPLUSION-UNEXCUSED')

And a.StudentID = 2860

Total number of absence for student for which he is not excused in a school month

select s.StudentName,a.studentID,d.AbsenceCodeDesc,count(a.AbsenceId) as Total from factAbsence a,

dimAbsenceCode d,dimStudent s

where a.AbsenceCodeID=d.AbsenceCodeID

and s.StudentID=a.StudentID

and d.Unexcused='Y'

and a.StudentID=3440

group by a.studentID,d.AbsenceCodeDesc,s.StudentName;

6. Absence dates of a student for each course with absence reason.

select

fa.AbsenceDate,

dac.AbsenceCodeDesc,

dc.CourseTitle,

from dbo.factAbsence fa,

dbo.dimAbsenceCode dac,

dbo.factStudentCourse fsc,dbo.dimCourse dc

where fa.AbsenceCodeID = dac.AbsenceCodeID

AND fa.StudentID = fsc.StudentID

AND fsc.CourseID = dc.CourseID

and fa.StudentID = 3400

group by dc.CourseTitle,

fa.AbsenceDate,

dac.AbsenceCodeDesc

7. Yearly Analysis of absences (which is not excused) of a student who has enrolled for a special program

select distinct a.SISStudentID, s.StudentName, d.Program, k.MonthName, Year(k.Year) as Year

from factAbsence a,

dimStudent s, factSpecialProgram f, dimSpecialProgram d,dimAbsenceCode c,dimDate k

where a.SISStudentID=s.SISStudentID and

s.SISStudentID=f.SISStudentID and

f.ProgramID=d.ProgramID and

c.AbsenceCodeID=a.AbsenceCodeID and

s.SISStudentID=460 and

c.Unexcused='Y' and

k.DatePK=a.AbsenceDate

order by Year(k.Year)

8. Course Name for which student have maximum number of absences

select TOP 1 c.CourseTitle,count(a.AbsenceID) AbsenceCount

from dbo.factAbsence a, dbo.dimStudent s,dbo.factStudentCourse sc, dbo.dimCourse c

where a.StudentID=s.StudentID

AND s.StudentID = sc.StudentID

AND c.CourseID = sc.CourseID

AND s.StudentID = 3400

group by c.CourseTitle

order by count(a.AbsenceID)

**Academic Performance**

1. Identify the staff teaching a course where the standardized scaled score of a student is less than 800.

select distinct ds.StaffName

from dbo.factStandardizedTestScore s, dbo.factStudentCourse sc, dbo.dimStaff ds

where s.StudentID=sc.StudentID

AND sc.StaffID =ds.StaffID

AND s.ScaledScore < 800

1. Identify the numeric grade, alpha grade of the student for all courses and subjects the student has taken.

select distinct c.CourseTitle , cg.AlphaGrade, cg.NumericGrade, sj.SubjectName, sc.CourseDate

from dbo.dimStudent s, dbo.factStudentCourse sc, dbo.dimCourse c,factStudentCourseGrade cg, dbo.dimSubject sj

where s.StudentID=sc.StudentID

AND sc.CourseID= c.CourseID

AND sc.StudentCourseID= cg.StudentCourseID

AND sj.SubjectID= c.SubjectID

And s.StudentID= 3400

**Discipline**

1. Whether the respective child has any disciplinary action taken against himself/herself.

select s.StudentName,e.DisciplineEventCodeID,a.DisciplineActionCodeID,

e.DisciplineEventDesc,a.DisciplineActionDesc from

dimDisciplineEventCode as e, dimDisciplineActionCode as a, dimStudent as s,factDiscipline as d

where s.StudentID=d.StudentID and

e.DisciplineEventCodeID=d.DisciplineEventCodeID and

d.DisciplineActionCodeID=a.DisciplineActionCodeID

and d.StudentID=1;

1. List disciplinary events with the disciplinary action taken against a student with description and dates.

**select s.studentid,s.studentname,Convert(nvarchar(30),f.eventdate,102) as Eventdate,e.disciplineeventdesc,a.disciplineactiondesc**

**from dimstudent s,factdiscipline f,dimdisciplineeventcode e,dimDisciplineActionCode a**

**where s.StudentID=f.StudentID and**

**f.DisciplineActionCodeID=a.DisciplineActionCodeID**

**and f.DisciplineEventCodeID=e.DisciplineEventCodeID**

**and f.SISStudentID=711;**

1. Provide details of all staff members and student name associated with the disciplinary action.

select s.StudentName,

e.DisciplineEventDesc,a.DisciplineActionDesc,x.StaffName as ActionStaffName,r.StaffName as ReportingStaffName from

dimDisciplineEventCode as e, dimDisciplineActionCode as a, dimStudent as s,factDiscipline as d,vw\_ActionStaff as x,vw\_EventReportingStaffID as r

where s.StudentID=d.StudentID and

x.StaffID=d.ActionStaffID and

r.StaffID=d.EventReportingStaffID and

e.DisciplineEventCodeID=d.DisciplineEventCodeID and

d.DisciplineActionCodeID=a.DisciplineActionCodeID

and d.StudentID=1;

CREATE VIEW vw\_ActionStaff as select \* from dimStaff;

CREATE VIEW vw\_EventReportingStaffID as select \* from dimStaff;

**Academic Performance**

1. Details of standardized performance level and scaled score of a subject and course of a student.

select distinct(c.coursetitle),su.subjectname,Convert(varchar(30),f.testdate,102),s.studentname,f.scaledscore,f.performancelevel from factStandardizedTestScore f,dimstudent s,dimcourse c,dimsubject su

where f.studentid=s.studentid

and su.subjectid=f.subjectid

and su.subjectid=c.subjectid

and f.subjectid= 6

and f.StudentID=5;

1. Details of HSGT scaled score and possible scaled score of a student for a particular subject and course.

select distinct h.ScaledScore,h.PossibleScaledScore,t.StudentName from factHSGTScore h,dimSubject s, dimCourse c,dimStudent t

where t.StudentID=h.StudentID and

h.SubjectID=s.SubjectID and

s.SubjectID=c.SubjectID and

c.SubjectID=9 and c.CourseTitle='10TH LIT/COMP A'

and h.StudentID=3480;

1. Identify the staff teaching a course where the standardized scaled score of a student is less than 800.

select distinct ds.StaffName

from dbo.factStandardizedTestScore s, dbo.factStudentCourse sc, dbo.dimStaff ds

where s.StudentID=sc.StudentID

AND sc.StaffID =ds.StaffID

AND s.ScaledScore < 800

1. Identify the numeric grade, alpha grade of the student for all courses and subjects the student has taken.

select distinct c.CourseTitle , cg.AlphaGrade, cg.NumericGrade, sj.SubjectName, sc.CourseDate

from dbo.dimStudent s, dbo.factStudentCourse sc, dbo.dimCourse c,factStudentCourseGrade cg, dbo.dimSubject sj

where s.StudentID=sc.StudentID

AND sc.CourseID= c.CourseID

AND sc.StudentCourseID= cg.StudentCourseID

AND sj.SubjectID= c.SubjectID

And s.StudentID= 3400

**Special Programs**

1. List special programs, staff offering that program and address of facility where program is offered.

select distinct p.Program,s.StaffName,f.Facility,f.Address,t.StudentName from

dimSpecialProgram p,dimStaff s,dimFacility f, factSpecialProgram as sp,dimStudent t where p.ProgramID=sp.ProgramID and

f.FacilityID=t.FacilityID and

sp.SISStudentID=t.SISStudentID and

t.HomeroomStaffID=s.StaffID and sp.SISStudentID=32;

1. List start date (entry date) of a student join a particular special programs.

select distinct(s.studentname),p.program,Convert(varchar(30),f.entrydate,102) from factSpecialProgram f,

dimSpecialProgram p,dimStudent s where

f.SISStudentID=s.SISStudentID and

f.SpecialProgramID=p.ProgramID and

f.SISStudentID = 232;