

Athletes and Teams Database Design

Decide what tables are needed for the database. Assign fields to the appropriate table. Select primary keys.

Draw relationship lines between tables. You may not need all the blank table forms below and you may not need all the lines shown.

Fields/Column Names/Attributes

student_points_awarded_to_date
 student_points_awarded_at_event
 student_first_name
 student_middle_name
 student_last_name

team_other_details
 sport_description
 division_description
 student_result_at_event
 letters_awarded_date

student_address
 team_description
 team_gender
 event_end_date
 student_date_of_birth

coach_name
 event_name
 event_location
 student_gender
 event_start_date
 team_name

Student_Athletes table
PK: student_id
first_name
middle_name
last_name
address
date_of_birth
gender
points_awarded_to_date

Teams table
PK: team_id
team_name
team_gender
team_description
team_other_details

Students_in_Events table
PK: student_event_id
FK: student_id
FK: event_id
FK: team_id
student_points_awarded_at_event
student_result_at_event

Divisions table
PK: division_code
division_description

Sports table
PK: sport_code
sport_description

Student_Letters table
PK: student_letters_id
PK: student_id
FK: sport_code
letters_awarded_date

Events table
PK: event_id
FK: sport_code
event_name
event_location
event_start_date
event_end_date

Students_in_Teams table
PK: team_id
PK: student_id

Coaches table
PK: coach_id
coach_name

Coaches_of_Teams table
PK: coach_id
PK: team_id