



Cannot Add a New Student – Foreign Key Error

Symptoms: When attempting to add new student, you receive error that says there is a foreign key constraint, or that the ID may be in use.

Possible causes:

- Student ID value is a duplicate of one already used
- You previously removed or changed a default value from a reference table in the database that is required to add a new student record

Diagnosing and fixing:

1. Check if you are trying to use a duplicate Student ID value. If this is not the problem, proceed to the next step.
2. Choose **Setup** from **Display** dropdown.
3. Check these reference tables for the existence of the indicated records (the values indicated must match exactly):
 - a. **Class Periods:** ID= <not set> , Description = <not set>
 - b. **Companies:** ID= <not set> , Description = <not set>, Active is checked
 - c. **Contact Types:** ID= <not set>
 - d. **Ethnicity:** ID=-, Description=<not set> (Note – a single dash in the ID field)
 - e. **Grade Levels:** ID= <not set> , Description = <not set>
 - f. **Platoons:** ID= <not set> , Description = <not set>, Company ID = <not set> choice, Active is checked
 - g. **Ranks:** ID= <not set> , Description = <not set>, Type=ENL, Sort Order =99
 - h. **Squads:** ID= <not set> , Description = <not set>, Platoon ID = <not set>, Active is checked

These are required fields that should not be altered or removed.