Common Terms
- ➢ Category – grouping of sub categories that are related
- ➢ 7 categories, 5 are used for PEIMS
- ➢ Sub Category – grouping of complex types that are related
- ➢ Schemas – building blocks of complex types that will be used to make up every data element. Two schemas used in TEDS; Ed-Fi Core & TX Core Extension
- ➢ Interchange – XML schema definitions which group related complex types
- Ø 18 interchanges for TSDS – TEDS Section 1
- Ø 13 interchanges for TSDS PEIMS – TEDS Section 8.1
- ➢ Complex Type – grouping of one or more related data elements
- ➢ Data Element – a single unit of data

TEDS Useful References
- Ø TEDS Section 1 & TEDS Section 8.1 – Data Submission Specifications and Responsibilities
- o XML file naming & header requirements
- o Data Category with associated Complex Type chart
- o Submission and Resubmission Timelines
- Ø TEDS Section 2 & TEDS Section 8.2 – Data Submission Requirements
- o Detailed table of data elements organized by Interchange and Complex Type
- o Reporting Requirements for each Complex Type
- Ø TEDS Section 3 & TEDS Section 8.3 – Description of Data Elements
- o Detailed technical specifications for each data element
- Ø TEDS Section 4 & TEDS Section 8.4 – Description of Codes
- o Alphabetical listing of the names of the code tables used with the data elements described in Section 3
- o Explanations of the code values, when necessary
- Ø TEDS Section 5 & TEDS Section 8.5 – Business Rules
- o Defines the business rules and validations that are applied to submitted data
- o Three error levels; Fatal (F), Special Warning (S) and Warning (W)
- Ø TEDS Section 7 & TEDS Section 8.7 – Schemas
- o Individual Interchange schemas and their definitions
- o Sample Interchange Schemas
- Ø TEDS Appendices & TEDS-PEIMS Appendices
- o List of Data Elements & associated Complex Types

File Manager – executes Pre-Load Validations (XSD Validations)
- ✓ Checks for missing mandatory fields
- ✓ Checks field length
- ✓ Checks for accepted alpha & numeric characters
- ✓ Checks to make sure Data Element Tag is named correctly
- ✓ Data elements should be in order defined by XML schemas – TEDS Section 7 & TEDS Section 8.7
- ✓ Validates that the complex type belongs to the collection

Batch Manager – executes the Load Validations (Referential Data Validations)
- ✓ Checks for compliance with TEDS Section 3 & TEDS Section 8.3
- ✓ Checks for compliance with TEDS Section 4 & TEDS Section 8.4
- ✓ Checks primary key checks on some of TEDS Section 5 & TEDS Section 8.5
- ✓ Checks for referential integrity of data elements

Training Resources
VIDEO - 3 Tools to Assist with eDM Error Resolution