Planning Guide-TEKS Resource System Mathematics

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| Tasks | Rationale | Outcome | Guiding ?s |
| **STEP 1 (20 min)****Study sections of the IFD**-Overview-Overarching understandings and Qs-Misconceptions and UC-Vocabulary | -To summarize the big ideas for the Unit-To understand the details of the Unit | -written notes for each section-notes about instructional ideas-word wall ideas-journal writing ideas | **IFD**What is the content for this unit?What are the skills for this concept?What sections of the IFD can I use for instruction? |
| **STEP 2 (30 min)****Work out the Performance Assessment**-Study the 3 columns horizontally | To understand the--task students should be able to do during/end of the unit-concepts/skills students need to learn for the PA-concepts/skills teacher needs to teach for the PA | -sketch out the PA-make a list of topics to teach-bring to mind lesson/activity  | **IFD**What are students expected to be able to do during/end of the unit?How do the unit understandings guide my instruction?What concepts/skills do I have to teach? |
| **STEP 3 (1.5 hrs)**Study each standard-Verb-Content-Specificity-Example problems (ETCD)-release sample (STAAR Analysis)-data results | To analyze each standard--to its level of complexity-individually in order to be able to chunk and bundle-dissect the role of each SE | -notes on SE specificity-notes on sample problems-notes on release items-record ideas for instruction-review campus data (if applicable) | **IFD & ETCD & STAAR Analysis**What is the specific content for each SE?What is the level of complexity?What standards can be bundled for instruction? |
| **STEP 4 (1 hr)****Map EOU Assessment**-PAs-Unit Assessment items | To align assessment to instruction-Begin with the end in mind | -plan out the process for the PAs/dates-compile unit assessment- | **IFD, Blueprints, & Assessment Creator**Which assessment will I use? Process?How many problems? |
| **STEP 5 (45 min)****Chunk and bundle SEs**-# of days/# of SEs | To consider all unit SEs--developmental order-related skills/concepts  | -outline calendar-outline daily topics-bundle SEs by day(s) | **IFD**How will I chunk/bundle SEs?Do I cut/add days? |
| **STEP 6 (1 hr)****Gather resources**-books/workbooks-internet resources-district resources | To align resources--revisit TEKS study-revisit examples-revisit EOU assessment -align to the complexity of the SE specificity | List of Activities aligned to unit -book pg/worksheets-web pages/videos-hands-on-activities-learning centers | **IFD**What is the best first teach resources?How do I align instruction to the rigor of the SE? |
| **STEP 7 (ongoing)****Plan day-by-day instruction** | To plan daily learning opportunity for students | Follow lesson cycle to plan daily lessons | **IFD, ETCD, & VAD**What is the best first teach lesson for this SE/bundle? |
| **Suggested Resources****Gateway activities--** [**https://www.texasgateway.org/**](https://www.texasgateway.org/)**Tex quest--** [**https://sites.google.com/a/eustaceisd.net/texquest/**](https://sites.google.com/a/eustaceisd.net/texquest/)**Estar--**[**https://www.texasgateway.org/**](https://www.texasgateway.org/)**Texas Performance Standards--**[**http://www.texaspsp.org**](http://www.texaspsp.org/)**/** **NCTM illuminations**--[https://illuminations.nctm.org](https://illuminations.nctm.org/)/  | **MARS**--[http://map.mathshell.org](http://map.mathshell.org/)/**Khan Academy**[--https://www.khanacademy.org/](https://www.khanacademy.org/) **Science 360--**[**https://science360.gov**](https://science360.gov)**CK-12--** [**https://www.ck12.org/student/**](https://www.ck12.org/student/) |