**Thinking Organizers: Tools for Candidates to Organize and Record Their Thinking During Both Formative and Summative edTPA Experiences**

**Purpose:** As teacher candidates undergo the edTPA assessment process, they can experience difficulty keeping track of the reasoning and thinking behind all of the decisions that they made during the process. These thinking organizers provide an avenue through which candidates can record their thoughts, reasoning, and evidence of practice throughout the edTPA process and then have easy access to that information when they are ready to write their commentaries.

These thinking organizers were created by Elisa Palmer (edTPA coordinator, Illinois State University) to assist candidates with the organization of their thoughts prior to writing their official responses to the edTPA commentary prompts. These supports provide a table for each commentary question that the candidate fills in with his or her thoughts. The teacher candidate can then use that table to write his or her official response to that question.

Use of the thinking organizers is not limited to work on the summative edTPA portfolio. Instructors can use the tables in formative experiences leading up to the summative edTPA portfolio creation. For example, a course may have an assignment or clinical experience that requires reflections upon professional practice. The course instructor can utilize some of the thinking organizers and adapt them to the particular questions asked in that assignment or clinical reflection.

Overall, the thinking organizers are helpful in aiding teacher candidates in their documentation of their thinking and reasoning throughout the completion of their edTPA portfolio as well as providing a tool for creating and organizing responses in formative course work.



Thinking organizers are available for the following edTPA handbooks:

* Agriculture
* Business Education
* Early Childhood
* Elementary Education
* Elementary Literacy
* Elementary Mathematics
* English as an Additional Language
* Family and Consumer Sciences
* Health Education
* K-12 Physical Education
* K-12 Performing Arts
* Middle Childhood English Language Arts
* Middle Childhood Mathematics
* Middle Childhood Science
* Middle Childhood Social Studies
* Secondary English-Language Arts
* Secondary History/Social Studies
* Secondary Mathematics
* Secondary Science
* Special Education
* Technology and Engineering Education
* Visual Arts
* World Languages

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**Planning Commentary Thinking Organizers and Helpful Hints (Business Education Version)**

***Please note: The purpose of this thinking organizer is to help you gather and organize your thoughts in preparation for writing your planning commentary. You will still need to write your answers in paragraph form in the official edTPA planning commentary template.***

**1. Central Focus**

1. **Describe the central focus and purpose for the content you will teach in the learning segment.**

Sentence starters:

The central focus of this learning segment is …

 I am teaching this content because…

**b. Given the central focus, describe how the standards and learning objectives within your learning segment address business-related**

* **conceptual understanding,**
* **technical skills, AND**
* **problem-solving strategies.**

 Organize your response:

|  |  |  |
| --- | --- | --- |
| List the standard or learning objective | Identify if it is related to business -related conceptual understanding, technical skills, or problem solving strategies. | Explain how these are connected. |
|  |  |  |
|  |  |  |
|  |  |  |

**c. Explain how your plans build on each other to help students make connections between business-related concepts, technical skills, and problem-solving strategies to deepen their learning of business education through the completion of a project or product.**

Organize your response:

|  |  |  |  |
| --- | --- | --- | --- |
| Identify the fact, concept, interpretation/analysis skill, or practice of building/supporting arguments being addressed | How addressed in Lesson 1 | Explain how Lesson 2 builds on Lesson 1 | Explain how Lesson 3 builds on Lesson 2 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**2. Knowledge of Students to Inform Teaching**

**For each of the prompts below (2a–b), describe what you know about your students with respect to the central focus of the learning segment.**

**Consider the variety of learners in your class who may require different strategies/support (e.g., students with IEPs, English language learners, struggling readers, underperforming students or those with gaps in academic knowledge, and/or gifted student**

**a. Prior academic learning and prerequisite skills related to the central focus—Cite evidence of what students know, what they can do, and what they are still learning to do.**

 Organize your response:

|  |  |  |  |
| --- | --- | --- | --- |
| Students | Related content already learned | Related skills students already have | What the students are learning to do related to the learning segment |
| Class as a whole |  |  |  |
| Students with IEPs |  |  |  |
| Students with 504 plans |  |  |  |
| Other groups of learners |  |  |  |

**b. Personal/cultural/community assets related to the central focus—What do you know about your students’ everyday experiences, cultural backgrounds and practices, and interests?**

Organize your response:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Students | Students’ everyday experiences related to the learning segment | Students’ cultural backgrounds related to the learning segment | Students’ practices related to the learning segment | Students’ interests related to the learning segment |
| Class as a whole |  |  |  |  |
| Students with IEPs |  |  |  |  |
| Students with 504 plans |  |  |  |  |
| Other groups of learners |  |  |  |  |

Notes: Stay positive – discuss your students’ assets

 Keep the learning segment in mind – only discuss student assets related to the learning segment

**3. Supporting Students’ Learning of Business Education**

**a. Justify how your understanding of your students’ prior academic learning and personal/cultural/community assets (from prompts 2a–b above) guided your choice or adaptation of learning tasks and materials. Be explicit about the connections between the learning tasks and students’ prior learning, assets, and research/theory.**

Organize your answer:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Chosen learning task or material (or adaptation of either) | Associated student learning or asset | Why did you make this choice? | What research supports this choice? | How does the research support this choice? |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. **Describe and justify why your instructional strategies and planned supports are appropriate for the whole class, individuals, and groups of students with specific learning needs.**

Consider students with IEPs, English language learners, struggling readers, underperforming students or those with gaps in academic knowledge, and/or gifted students needing greater support or challenge.

Organize your answer:

|  |  |  |
| --- | --- | --- |
| Instructional/planned support | How is this tied to the learning objective? | Why is this appropriate for the whole class or what particular group of students is this designed for? |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**c. Describe common preconceptions, errors, or misunderstandings within your content focus and how you will address them.**

Organize your answer:

|  |  |  |
| --- | --- | --- |
| Common preconception, error, or misunderstanding | How will you identify if students have this preconception, error, or misunderstanding? | How will you address it during instruction? |
|  |  |  |
|  |  |  |

**4. Supporting Development in Business Education Through Language**

**a. Language Function. Identify one language function essential for students to engage in learning tasks related to your central focus. Listed below are some sample language functions. You may choose one of these or another more appropriate for your learning segment.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analyze | Argue | Categorize | Compare/contrast | Describe |
| Design | Evaluate | Explain | Interpret | Summarize |

Sentence starter: “The language function essential for student learning within my central focus is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.”

1. **Identify a key learning task from your plans that provides students with opportunities to practice using the language function. Identify the lesson in which the learning task occurs. (Give the lesson/day and number.)**

Sentence starter: “The key learning task that gives student the opportunity to practice using the language function is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This task occurs on day \_\_\_\_\_\_\_\_\_\_ in lesson \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.”

**c. Additional Language Demands. Given the language function and learning task identified above, describe the following associated language demands (written or oral) students need to understand and/or use:**

 **- Vocabulary and/or symbols**

**- Plus at least one of the following:**

**- Syntax**

**- Discourse**

Consider the range of students’ understandings of the language function and other language demands—what do students already know, what are they struggling with, and/or what is new to them

Organizing your response:

|  |  |  |  |
| --- | --- | --- | --- |
| Language demand | What do students already know? | What are they struggling with? | What is new to them? |
| Vocabulary |  |  |  |
| Symbols |  |  |  |
| Syntax |  |  |  |
| Discourse |  |  |  |

**d. Language Supports. Refer to your lesson plans and instructional materials as needed in your response to the prompts.**

* **Describe the instructional supports (during and/or prior to the learning task) that help students understand and successfully use the language function and additional language demands identified in prompts 4a–c.**

Organizing your response:

|  |  |  |
| --- | --- | --- |
| Language demand | Language support planned | How does this language support help students use the language function? |
| Vocabulary and/or symbols |  |  |
| Syntax and/or discourse |  |  |

**5. Monitoring Student Learning**

**In response to the prompts below, refer to the assessments you will submit as part of the materials for Task 1.**

**a. Describe how your planned formal and informal assessments will provide direct evidence of students’ business-related conceptual understanding, technical skills, AND problem-solving strategies throughout the learning segment.**

Organize your response:

|  |  |  |
| --- | --- | --- |
| Area of Targeted Student Learning | Description of assessments designed to monitor the targeted student learning.  | Explain how this assessment will provide evidence of student mastery of this area of targeted student learning?  |
| Business-related conceptual understanding |  |  |
|  |  |
| Technical skills |  |  |
|  |  |
| Problem-solving strategies |  |  |
|  |  |

1. **Explain how the design or adaptation of your planned assessments allows students with specific needs to demonstrate their learning.**

Consider all students, including students with IEPs, English language learners, struggling readers, underperforming students or those with gaps in academic knowledge, and/or gifted students.

Organize your response:

|  |  |  |
| --- | --- | --- |
| Description of assessment or assessment adaptations | The student(s) for whom the assessment was designed or adapted | How does this assessment allow this student(s) to demonstrate his/her learning? |
|  |  |  |
|  |  |  |
|  |  |  |

**Instruction Commentary Thinking Organizers and Helpful Hints (Business Education Version)**

***Please note: The purpose of this thinking organizer is to help you gather and organize your thoughts in preparation for writing your instruction commentary. You will still need to write your answers in paragraph form in the official edTPA instruction commentary template.***

**1. Which lesson or lessons are shown in the video clips? Identify the lesson(s) by lesson plan number.**

Sentence starters:

 “The lesson shown in the clips is Lesson #\_\_\_\_\_\_\_”

 OR

 “The lesson shown in Clip 1 is Lesson \_\_\_\_\_\_\_ and the lesson shown in Clip 2 is Lesson \_\_\_\_\_\_\_\_.”

**2. Promoting a Positive Learning Environment**

**a. How did you demonstrate mutual respect for, rapport with, and responsiveness to students with varied needs and backgrounds, and challenge students to engage in learning?**

Organize your answer:

|  |  |  |
| --- | --- | --- |
| Characteristic of Positive Learning Environment | Video segment(s) with time stamps that demonstrates this characteristic | How does this clip demonstrate this characteristic? |
| Mutual respect for students |  |  |
| Rapport with students |  |  |
| Responsiveness to students’ needs |  |  |
| Challenging students to engage in learning |  |  |

**3. Engaging Students in Learning**

**a. Explain how your instruction engaged students in developing business-related**

* **conceptual understanding,**
* **technical skills, AND**
* **problem-solving strategies.**

Organize your answer:

|  |  |  |
| --- | --- | --- |
| Student action | Video clip with time stamps that shows this action | How is this action seen in the video? |
| Students are engaged in developing business-related conceptual understanding |  |  |
| Students are engaged in developing business-related technical skills |  |  |
| Students are engaged in developing business-related problem-solving strategies |  |  |

**b. Describe how your instruction linked students’ prior learning and personal, cultural, and community assets with new learning.**

|  |  |  |
| --- | --- | --- |
| Instructional connections between student characteristics and new learning | Video clip with time stamps that shows this connection | How is this connection seen in the video? |
| Students’ prior learning |  |  |
| Students’ personal assets |  |  |
| Students’ cultural assets |  |  |
| Students’ community assets |  |  |

**4. Deepening Student Learning during Instruction**

**a. Explain how you elicited and built on student responses to promote thinking and develop business-related conceptual understanding, technical skills, AND problem-solving strategies.**

|  |  |  |
| --- | --- | --- |
| Evidence of eliciting responses from students related to… | Video clip (including time stamps) | Describe how you elicited responses and deepened student thinking in this clip |
| Business- related conceptual understanding |  |  |
| Developing technical skills |  |  |
| Developing problem-solving strategies |  |  |

**b. Explain how your instructional strategies and materials help students develop business-related conceptual understanding, technical skills, and problem-solving strategies.**

|  |  |  |
| --- | --- | --- |
| Evidence of incidences of a strategy or material that helped students develop business-related conceptual understanding, a technical skill, or problem-solving strategy. | Video clip (including time stamps) | Describe how the instructional strategy or material helped students develop business-related conceptual understanding, a technical skill, or a problem-solving strategy. |
|  |  |  |
|  |  |  |
|  |  |  |

**5. Analyzing Teaching**

Consider the variety of learners in your class who may require different strategies/support (such as students with IEPs, English language learners, struggling readers, underperforming students or those with gaps in academic knowledge, and/or gifted students).

1. **What changes would you make to your instruction—for the whole class and/or for students who need greater support or challenge—to better support student learning of the central focus (e.g., missed opportunities)?**

Organize your response:

|  |  |  |
| --- | --- | --- |
| Learning need seen in video | Video segment (Including video # and time stamps) | Proposed change in teaching practice |
|  |  |  |
|  |  |  |

1. **Why do you think these changes would improve student learning? Support your explanation with evidence of student learning and principles from theory and/or research.**

Organize your response:

|  |  |  |  |
| --- | --- | --- | --- |
| Proposed change in teaching practice | How would this change assist students with achieving the learning objective? | What research is this change based on? | How does this research support your proposed change? |
|  |  |  |  |
|  |  |  |  |

**Assessment Commentary Thinking Organizers and Helpful Hints (Business Education Version)**

***Please note: The purpose of this thinking organizer is to help you gather and organize your thoughts in preparation for writing your assessment commentary. You will still need to write your answers in paragraph form in the official edTPA assessment commentary template. The exception to this is your response to 1b.***

1. **Analyzing Student Learning**
2. **Identify the specific learning objectives measured by the assessment you chose for analysis.**

Organize your answer:

|  |  |
| --- | --- |
| Learning Objective | Explain how this is measured in the assessment |
|  |  |
|  |  |
|  |  |

**b. Provide a graphic (table or chart) or narrative summary that summarizes student learning for your whole class/group. Be sure to summarize student learning for all evaluation criteria submitted in Task 3, Part D.**

*Create a table that shows the student learning/performance by question or activity aligned to objective.*

**c. Use evidence found in the 3 student work samples and the whole class summary to analyze the patterns of learning for the whole class and differences for groups or individual learners relative to business-related**

* **conceptual understanding**
* **technical skills**
* **problem-solving strategies**

**Consider what students understand and do well, and where they continue to struggle (e.g., common errors, confusions, need for greater challenge).**

Organize your answer:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pattern of student learning observed(what are they doing well or what are they struggling with?) | Is the pattern relative to conceptual understanding, skills or problem-solving strategies?  | Students showing this pattern | Evidence from whole class summary | Evidence from student work samples |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. **Feedback to Guide Further Learning**

**b. Explain how feedback provided to the 3 focus students addresses their individual strengths and needs relative to the standards/objectives measured.**

*Hints: Be sure to provide feedback on to students on both their strengths and their errors.*

 *Be sure to provide equal feedback to all student work samples.*

|  |  |  |  |
| --- | --- | --- | --- |
| Focus student | Description of feedback provided (identify question, page, etc.) | Associated learning objective | How does the feedback address the student’s strengths and needs? |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

**c. How will you support students to understand and use the feedback to further their learning related to the learning objectives, either within the learning segment or at a later time?**

|  |  |  |
| --- | --- | --- |
| Focus student | How student will understand and use the feedback for further learning to their current work? | How you will support the student in understanding and using the feedback? |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

**3. Evidence of Language Understanding and Use**

**Explain and provide evidence for the extent to which your students were able to use or struggled to use language (selected function, vocabulary and/or symbols, and additional identified language demands from Task 1) to develop content understandings.**

Organize your response:

|  |  |  |
| --- | --- | --- |
| Language demand | Evidence of use (be specific) | How does this evidence show the students using the language demand to develop their content understanding? |
| Selected language function (write it in) |  |  |
| Vocabulary |  |  |
| Symbols |  |  |
| Syntax |  |  |
| Discourse |  |  |

**4. Using Assessment to Inform Instruction**

**a. Based on your analysis of student learning presented in prompts 1 b-c, describe next steps for instruction**

* **for the whole class**
* **for the 3 focus students and other individuals/groups with specific needs**
* **Consider the variety of learners in your class who may require different strategies/support (e.g., students with IEPs, English language learners, struggling readers, underperforming students or those with gaps in academic knowledge, and/or gifted students needing greater support or challenge).**

|  |  |
| --- | --- |
| Students | Next steps for instruction |
| Whole class |  |
| Focus student 1 |  |
| Focus student 2 |  |
| Focus student 3 |  |
| Individuals with specific needs |  |
| Groups with specific needs |  |

1. **Explain how these next steps follow from your analysis of student learning. Support your explanation with principles from research and/or theory.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Next step for instruction | What learning need is this in response to? | Why did you choose this as your next step for instruction? | What research supports this instructional choice? | How does this research support this instructional choice? |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |