

Arab Bank Workshop Example Pack

03_Personalized_Child_Support_Brief

Title

Personalized Child Support Brief – Water Cycle Example

Purpose of this document

This document translates the original lesson into a personalized support direction for one child before generating the final educational outputs.

It is designed to help the AI understand not only the lesson itself, but also how the lesson should be adapted for this specific learner.

Learner Overview

- Learner: girl
 - Age: 10 years old
 - Grade: 5
 - Lesson topic: Water Cycle
 - Review time target: 15 minutes
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How this child learns best

This learner understands ideas when they are explained clearly, but she forgets them quickly after learning. She does not respond well to dry memorization or long blocks of information.

She learns better when: - the explanation feels like a story - the information is broken into short parts - there are quick questions after each idea - the lesson creates a vivid mental image - the tone is light, clear, and engaging - some very simple English terms are included beside Arabic words when useful

Interests and attention triggers

This learner: - loves movies - is attracted by colors - responds well to scenes, characters, and imagination - prefers content that feels alive rather than formal

What should be avoided

Avoid: - long academic explanations - dense scientific wording - too many terms introduced at once - direct memorization without meaning - cold or gloomy examples that may reduce engagement

Because she dislikes winter, examples should feel bright, lively, and pleasant where possible.

Personalization strategy for this lesson

The lesson should be adapted in the following way:

1. Explain the Water Cycle in simple Arabic.
 2. Introduce only a few key scientific terms at a time.
 3. Include simple English terms in brackets when useful, such as:
 4. evaporation
 5. condensation
 6. precipitation
 7. Turn the lesson into a story or journey.
 8. Use short check-in questions to strengthen memory.
 9. Create material that can be reviewed in 15 minutes.
 10. Focus not only on understanding, but also on remembering.
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Desired support outputs to generate next

From this lesson, the AI should later generate:

- a simplified explanation
 - summarized lesson notes
 - a story-based explanation
 - a visual explanation request
 - a quiz
 - flashcards
 - a short study plan
 - memory aids
 - parent follow-up questions
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Goal of the example

The goal is not to summarize the lesson only.

The goal is to show how one original educational source can be transformed into personalized educational support for one child with a specific learning style, memory challenge, and attention pattern.

This document should be used together with: 1. the original lesson 2. the child profile 3. the custom instruction layer

It prepares the system for the next stage, which is generating the customized educational outputs.

04_Sample_Generated_Outputs_For_Live_Demo

Purpose

These are the sample customized outputs that will be shown in the live workshop before moving to NotebookLM.

They are intentionally limited and clear. The goal is not to generate everything possible, but to demonstrate how one lesson can be transformed into personalized learning support for one child.

Output 1: Simplified Explanation

Title

شرح مبسط لدرس دورة الماء

Sample Output

دورة الماء هي الرحلة التي يتحرك فيها الماء باستمرار في الطبيعة. الماء لا يختفي، لكنه يغيّر مكانه وشكله من وقت لآخر.

تبدأ الرحلة عندما تسخن الشمس الماء الموجود في البحر أو النهر أو أي مكان فيه ماء. عندما يسخن الماء، يتحول **(Evaporation) التبخر** جزء منه إلى بخار ويصعد إلى الأعلى. هذه المرحلة اسمها

عندما يصعد بخار الماء إلى السماء، يجد هواء أبرد. عندها يبرد ويتحول إلى قطرات ماء صغيرة جدًا. هذه المرحلة اسمها **(Condensation) التكاثف**.

عندما تتجمع هذه القطرات الصغيرة معًا، تتكوّن الغيوم. وعندما تصبح الغيوم ممتلئة بكمية كبيرة من الماء، ينزل **(Precipitation) الهطول** الماء إلى الأرض على شكل مطر أو ثلج أو برد. هذه المرحلة اسمها

بعد ذلك، يعود الماء ليتجمع في الأرض، أو يجري في الأودية والأنهار، أو يتسرب إلى داخل التربة. ثم تبدأ الرحلة من جديد عندما تسخنه الشمس مرة أخرى.

ببساطة: - الشمس تسخن الماء - الماء يتبخّر ويصعد - البخار يبرد ويتكاثف - تتكوّن الغيوم - ينزل المطر - يعود الماء إلى الأرض - وتبدأ الدورة مرة أخرى

Why this works for the child

- explanation is short and direct
 - only a few scientific terms are introduced
 - Arabic is primary with simple English terms beside it
 - sequence is easy to remember
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Output 2: Story-Based Explanation

Title

قصة قطرة الماء الصغيرة

Sample Output

تعيش بهدوء في البحر تحت ضوء الشمس. في يوم مشمس ومليء **لينا** كان هناك قطرة ماء صغيرة اسمها بالدفع، بدأت الشمس تسخن سطح الماء. شعرت لينا أنها أصبحت أخف من قبل، ثم ارتفعت إلى الأعلى مع بخار **(Evaporation) التبخر** الماء. كانت هذه أول خطوة في رحلتها، وتسمى

صعدت لينا عاليًا في السماء، وهناك كان الجو أبرد. بدأت تشعر بالبرودة، فتحوّلت من بخار غير مرئي إلى قطرة ماء **التكاثف** صغيرة من جديد. التقت بقطرات أخرى، واجتمعن معًا داخل سحابة بيضاء جميلة. هذه المرحلة تُسمى **(Condensation)**.

ظلت السحابة تكبر وتكبر، وكلما انضمت قطرات جديدة أصبحت أثقل. وفجأة، لم تعد السحابة قادرة على حمل كل **(Precipitation) الهطول** هذا الماء، فنزلت لينا إلى الأرض مع المطر. هذه المرحلة تُسمى

سقطت لينا على تلة خضراء، ثم تحركت مع الماء حتى وصلت إلى جدول صغير. بعض القطرات تسربت إلى داخل التربة، وبعضها جرى فوق الأرض. أما لينا فواصلت رحلتها حتى عادت مرة أخرى إلى البحر.

نظرت لينا إلى الشمس وقالت: أعرف أن رحلتي لم تنتهِ، لأن دورة الماء تبدأ من جديد كل مرة.

Mini memory line

لينا صعدت، بردت، اجتمعت، نزلت، وعادت.

Why this works for the child

- turns the lesson into a movie-like journey
- supports memory through sequence and emotion
- helps the child remember stages without dry memorization

Output 3: Summarized Lesson Notes

Title

ملخص سريع لدرس دورة الماء

Sample Output

هي حركة الماء المستمرة بين الأرض والسماء **ما هي دورة الماء؟**

التكاثف تسخن الشمس الماء فيتحوّل إلى بخار ويصعد. 2 **(Evaporation) التبخر**: 1. **المراحل الأساسية** تتجمع القطرات الصغيرة في **تكوّن الغيوم**. يبرد بخار الماء فيتحوّل إلى قطرات صغيرة. 3 **(Condensation)** **التجمّع أو الجريان أو** ينزل الماء إلى الأرض على شكل مطر أو ثلج أو برد. 5 **(Precipitation) الهطول**. السماء. 4 يعود الماء إلى الأرض والأنهار والبحار أو يتسرب إلى التربة: **التسرب**

حرارة الشمس - الجاذبية الأرضية - ما الذي يحرك دورة الماء؟

الماء يدور في الطبيعة باستمرار، لكنه يغيّر مكانه وحالته فقط: **فكرة مهمة**

شمس → تبخر → تكاثف → غيوم → هطول → عودة الماء: **نسخة أسرع للمراجعة**

Why this works for the child

- perfect for a 2-minute revision
- visually ordered
- easy to reuse later in NotebookLM

Output 4: Short Quiz

Title

اختبار قصير على درس دورة الماء

Sample Output

1. (أ) يتجمد - (ب) يتبخر - (ج) يختفي - **ماذا يحدث للماء عندما تسخن الشمس؟**

(ب) يتبخر: **الإجابة الصحيحة**

2. (أ) تحوّل بخار الماء إلى قطرات صغيرة - (ب) نزول المطر إلى الأرض - ج - **ماذا يعني التكاثف (Condensation)؟**
جريان الماء في النهر

(أ) تحوّل بخار الماء إلى قطرات صغيرة: **الإجابة الصحيحة**

3. (أ) عندما تسخن الشمس الماء - (ب) عندما تمتلئ الغيوم بالماء - ج - **متى يحدث الهطول (Precipitation)؟**
عندما يجف البحر

(ب) عندما تمتلئ الغيوم بالماء: **الإجابة الصحيحة**

4. حرارة الشمس والجاذبية الأرضية: **الإجابة ما الشيطان الأساسيان اللذان يساعدان على تحريك دورة الماء؟**

5. الهطول - التبخر - التكاثف: **رتب المراحل التالية ترتيبًا صحيحًا.**

التبخر → التكاثف → الهطول: **الإجابة الصحيحة**

Why this works for the child

- short and not overwhelming
- checks memory immediately after explanation
- gives the parent a quick tool to assess understanding

Output 5: Parent Follow-Up Questions

Title

أسئلة قصيرة يمكن أن يطرحها الأهل بعد الشرح

Sample Output

1. احكي لي بطريقتك: ما هي دورة الماء؟
2. ماذا تفعل الشمس في بداية هذه الرحلة؟
3. ما الفرق بين التبخر والتكاثف؟
4. لماذا تنزل المياه من الغيوم؟
5. إلى أين يمكن أن يذهب الماء بعد المطر؟
6. هل تبقى دورة الماء مرة واحدة فقط أم تستمر؟
7. لو كنت قطرة ماء، كيف تصفين رحلتك من البحر إلى السماء ثم إلى الأرض؟

Parent note

These questions are not meant to feel like an exam. They are meant to help the child recall the lesson in her own words.

Live Demo Note

In the workshop, these five outputs are enough to demonstrate: - personalization - simplification - engagement - quick review - parent involvement

After showing these outputs, the next step will be to add them together with the source documents into NotebookLM in order to generate visualized and extended learning outputs.

05_NotebookLM_Generation_Prompts

Important note before generating

After uploading the files and images to NotebookLM, use the prompts below exactly or with light edits.

Available sources in this example

- [] Exploring the Water Cycle TG v2.pdf
- [] 01_Child_Profile_Arabic.docx
- [] 02_Custom_Instruction_Layer_Arabic.docx
- [] Arab Bank Workshop Example Pack.pdf
- [] style-pixar.png
- [] character-girl.png
- [] Style-pink.png

How to use the image resources

- **character-girl.png**: use as the child-facing main visual character in slides, infographic logic, and video scenes.
- **style-pixar.png**: use as a soft, child-friendly character style reference for expressions, warmth, and approachable educational mood.
- **Style-pink.png**: use as a color and atmosphere reference only for backgrounds, dreamy framing, playful sky palettes, and visually engaging scene mood.

Do not copy the images literally. Use them as inspiration references for style, mood, color, and character presence.

A) Study Guide / Study Brief

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf
- [] style-pixar.png
- [] character-girl.png
- [] Style-pink.png

Prompt

Create a child-friendly Arabic study guide based on the uploaded Water Cycle lesson and the learner profile.

The learner is a 10-year-old girl in grade 5 who understands well but forgets quickly. She learns best through short explanations, story-like flow, and quick questions. She likes movies, colors, and lively content. Avoid dry memorization and long dense wording.

Generate a study guide in Arabic that includes: 1. a very short lesson overview 2. the key ideas in simple order 3. the most important terms with simple meanings 4. a quick "remember this" section 5. 3 short review questions 6. a 15-minute home review plan

Keep the tone warm, clear, and not academic. Make it look like something a parent would actually use with a child.

B) Flashcards

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf

- [] style-pixar.png
- [] character-girl.png
- [] Style-pink.png

Prompt

Create a set of Arabic flashcards for a 10-year-old grade 5 girl based on the uploaded Water Cycle sources.

Requirements: - make the cards simple and short - each card should have one question on the front and one short answer on the back - include the essential stages of the water cycle - include only a few very simple English terms beside the Arabic when useful - design the cards for memory support, not for complex testing - create 8 to 10 flashcards only

At the end, add one short note for parents explaining how to use the flashcards in 5 minutes.

C) Infographic

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf
- [x] style-pixar.png
- [x] character-girl.png
- [x] Style-pink.png

Prompt

Create an infographic plan in Arabic for a child-friendly explanation of the Water Cycle.

Use the uploaded files as follows: - use **character-girl.png** as the inspiration for the guide character who appears across the infographic and helps explain the lesson - use **style-pixar.png** as a style reference for a soft, friendly, animated educational feeling - use **Style-pink.png** as a mood and color inspiration for bright, dreamy, colorful backgrounds and sky treatment

The infographic should be designed for a 10-year-old girl in grade 5 who remembers better through visual flow and short chunks.

Generate: 1. infographic title 2. visual structure from top to bottom 3. the exact short Arabic text to place in each section 4. suggested icons or visual elements for each section 5. where the guide character should appear 6. design notes for keeping it child-friendly, colorful, and clear

Do not make it crowded. Keep it visually simple and emotionally engaging.

D) Slide Deck

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf
- [x] style-pixar.png
- [x] character-girl.png
- [x] Style-pink.png

Prompt

Create a short child-friendly Arabic slide deck outline about the Water Cycle based on the uploaded learning sources.

Use the uploaded visual files this way: - **character-girl.png** = recurring character guide across slides - **style-pixar.png** = visual tone reference for the character treatment and educational friendliness - **Style-pink.png** = visual mood reference for backgrounds, atmosphere, and color energy

The learner is a 10-year-old girl in grade 5 who learns better through short story-like flow and engaging visuals.

Generate a deck of 6 to 8 slides only. For each slide provide: 1. slide title 2. slide purpose 3. exact short Arabic text on the slide 4. visual direction 5. how the character should appear on that slide

The deck should feel playful, bright, simple, and easy to follow.

E) Podcast / Audio Overview

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf
- [] style-pixar.png
- [] character-girl.png
- [] Style-pink.png

Prompt

Create a short Arabic child-friendly audio overview script about the Water Cycle for a 10-year-old grade 5 girl.

The tone should feel warm, playful, and easy to imagine. It should sound like a tiny educational story, not like a school lecture.

Requirements: - 2 to 3 minutes only - simple Arabic - story-like flow - include the key stages of the water cycle - help memory through repetition of the sequence - end with 3 quick reflective questions for the child

F) Video Overview – Visual Style Prompt

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf
- [x] style-pixar.png
- [x] character-girl.png
- [x] Style-pink.png

Prompt

Create the visual style direction for a short child-friendly educational video overview about the Water Cycle.

Use the uploaded visual resources exactly in this way: - **character-girl.png** as the main child guide character reference - **style-pixar.png** as the reference for soft 3D animated charm, warmth, facial expression style, and educational friendliness - **Style-pink.png** as the reference for dreamy color palette, whimsical sky tones, playful framing, and vibrant but gentle atmosphere

The video is for a 10-year-old girl in grade 5 who likes movies, colors, and imaginative scenes, and who remembers better when ideas are visual and story-based.

Generate a visual direction that includes: 1. overall style summary 2. character design role 3. color palette direction 4. background and environment style 5. pacing and shot feeling 6. icon and text overlay style 7. how to keep the visuals educational but magical and memory-friendly

Keep the style child-friendly, bright, cinematic, and emotionally warm.

G) Video Overview – Content Prompt

Sources to include

- [x] Exploring the Water Cycle TG v2.pdf
- [x] 01_Child_Profile_Arabic.docx
- [x] 02_Custom_Instruction_Layer_Arabic.docx
- [x] Arab Bank Workshop Example Pack.pdf
- [x] style-pixar.png
- [x] character-girl.png
- [x] Style-pink.png

Prompt

Create a short Arabic video overview script and scene structure about the Water Cycle for a 10-year-old girl in grade 5.

This video should explain the lesson in a simple, visual, story-friendly way.

Use the uploaded resources in the following way: - base the educational accuracy on the lesson PDF and the personalized support documents - use **character-girl.png** as the main guide character who takes the child through the lesson - use **style-pixar.png** as the emotional and animation tone reference - use **Style-pink.png** as the visual mood reference for color and background atmosphere

Generate: 1. a short title for the video 2. total duration suggestion 3. scene-by-scene structure 4. narration text in simple Arabic 5. what happens visually in each scene 6. where the character appears and what she does 7. a strong ending recap for memory

Keep the explanation short, warm, playful, and clear. Avoid crowded scientific detail.

H) Mind Map

Sources to include

- Exploring the Water Cycle TG v2.pdf
- 01_Child_Profile_Arabic.docx
- 02_Custom_Instruction_Layer_Arabic.docx
- Arab Bank Workshop Example Pack.pdf
- style-pixar.png
- character-girl.png
- Style-pink.png

Prompt

Create a simple Arabic mind map structure for the Water Cycle based on the uploaded sources.

The mind map should be suitable for a 10-year-old girl in grade 5 and should help memory, not just information storage.

Generate: 1. central topic 2. main branches 3. sub-branches 4. one short phrase under each branch 5. one tiny memory cue for each main branch

Keep the structure very simple, colorful in concept, and easy to redraw by hand if needed.

Recommended order inside the workshop

1. Study guide
2. Flashcards
3. Infographic
4. Slide deck

5. Audio overview

6. Video overview

This order makes the NotebookLM stage feel progressive: from simple study help to richer visual outputs.