

# EMBRACE THE FUTURE OF CHILDCARE WITH AI

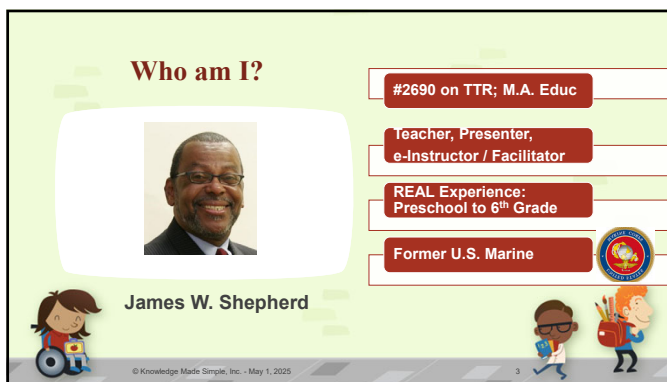
by James W. Shepherd, MA Ed., CCHC, #2690 on TTR



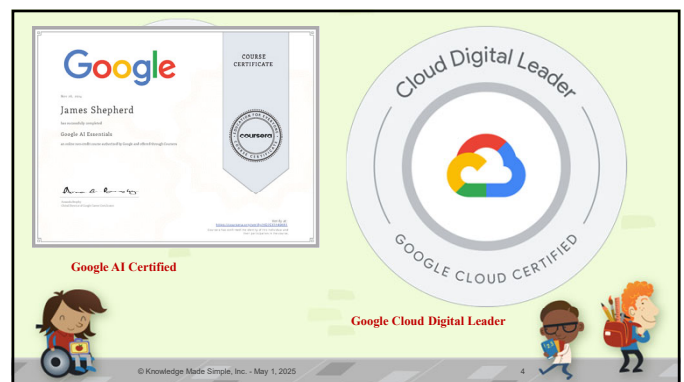
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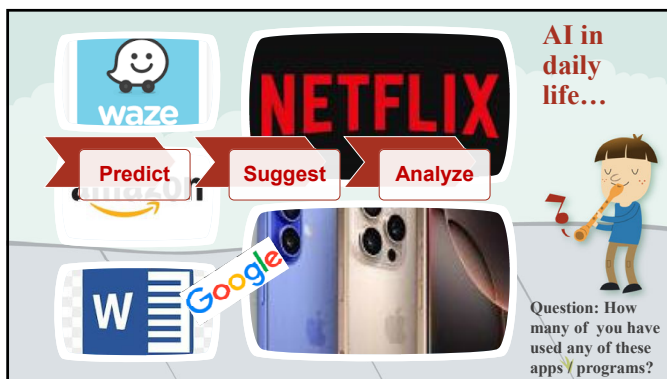
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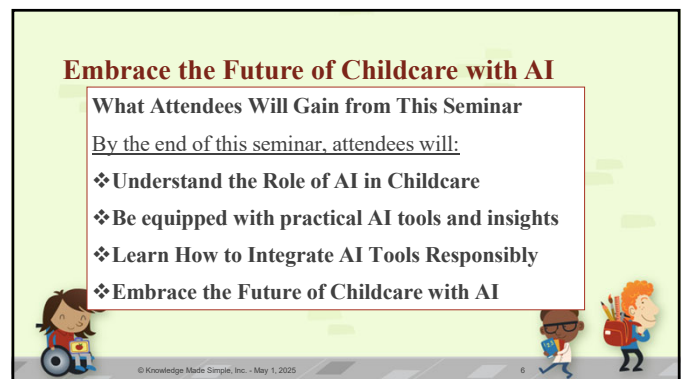
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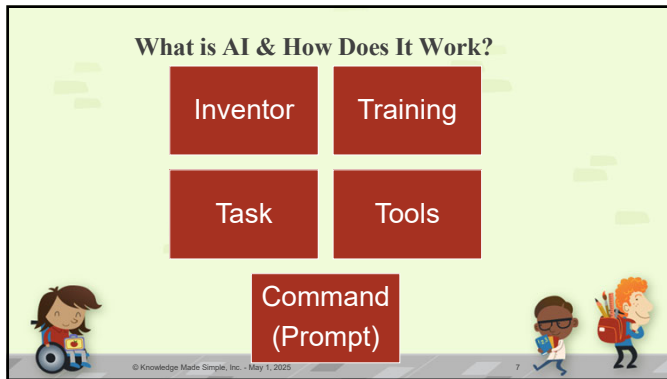
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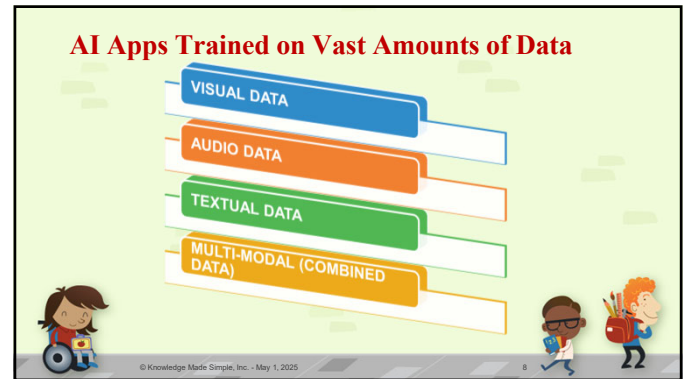
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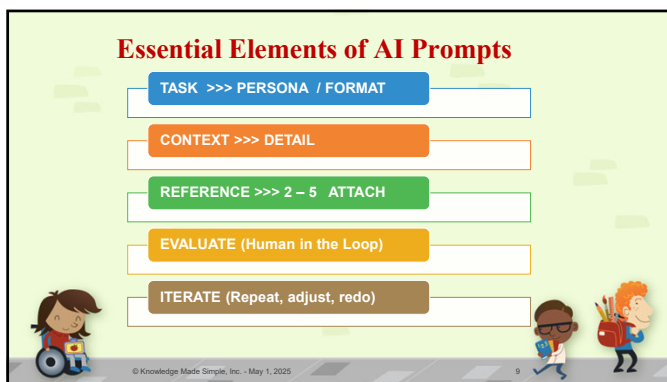
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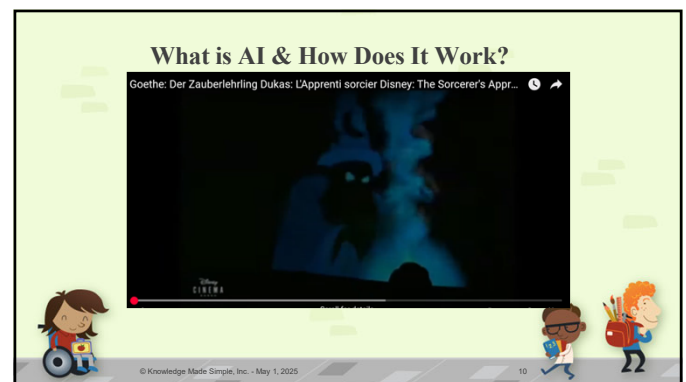
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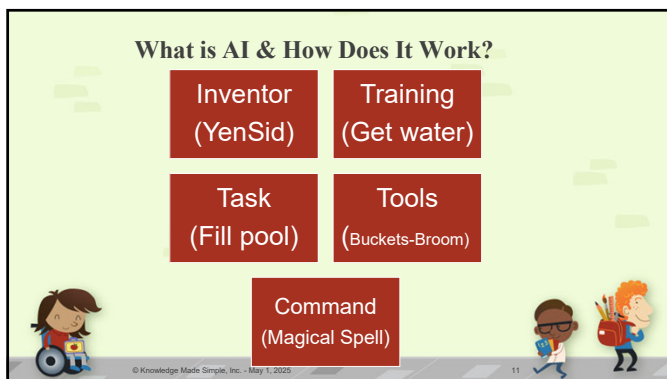
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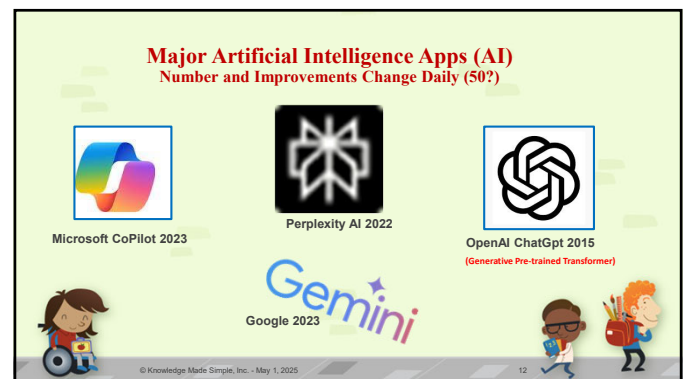
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## CHATBOTS – AUTOMATED APPS THAT IMPROVE HUMAN ENGAGEMENT

**Examples:**

- Find live jazz in NOLA tonight
- Can I help you write a letter?
- Create a PYTHON program
- Plan your day
- Create a quiz
- Draw an image

Chatbots

TEXT

VIDEO / AUDIO

IMAGES

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13

## How can AI help my business?

Resource Mgmt.  
Who, When, Where

Communication  
Staff, Parents, State

Scheduling

Workflow

Task Mgmt.

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14

## Using Specialized AI Tools

- MagicSchool:** Helps generate curriculum-aligned lesson plans and instructional supports: <https://www.magicschool.ai/>
- Eduaide:** Provides research-backed activity ideas aligned with early childhood learning standards: <https://www.eduaide.ai/>
- Curipod:** Generates interactive, AI-powered lesson slides: <http://curipod.com>
- Canva for Education:** Generates visually engaging worksheets, classroom decor, and printables: <https://www.canva.com/education/>
- Natural Reader:** Allows teachers to clone their voices to read text: <https://www.naturalreaders.com/>
- Illumine –** Childcare Management Platform by TXAECY: <https://www.texasaeyc.org>

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15

## What are some ideas for new revenue streams for a childcare business in Galveston, TX

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16

## Staff Recruitment Ad for Texas City Center

ChatGPT

What can I help with?

What are the best ways to recruit staff for my child care business?

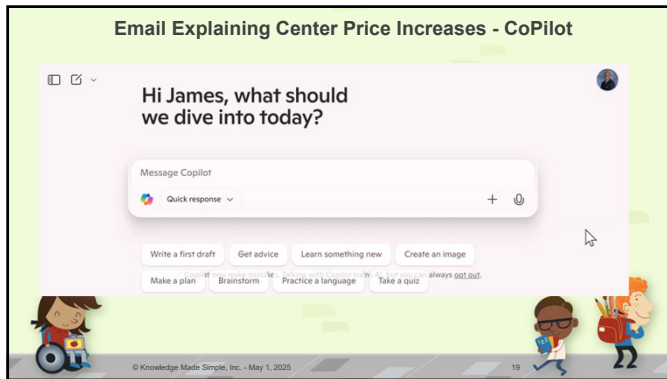
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17

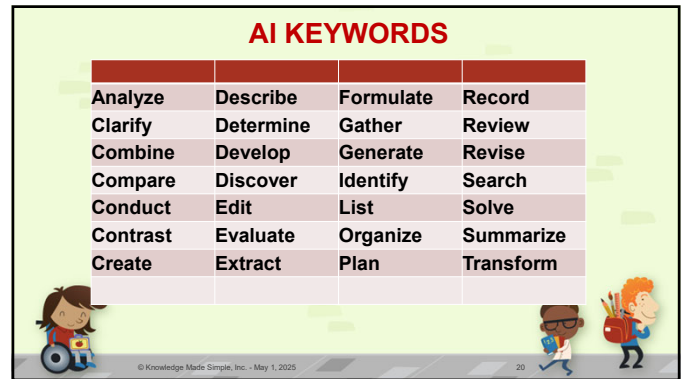
## Home Based Childcare Center Revenue Increase Ideas

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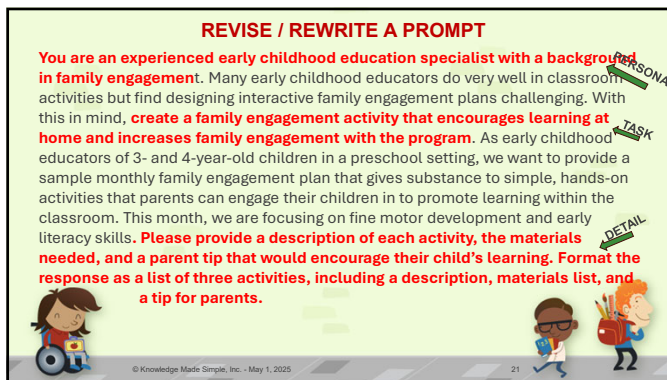
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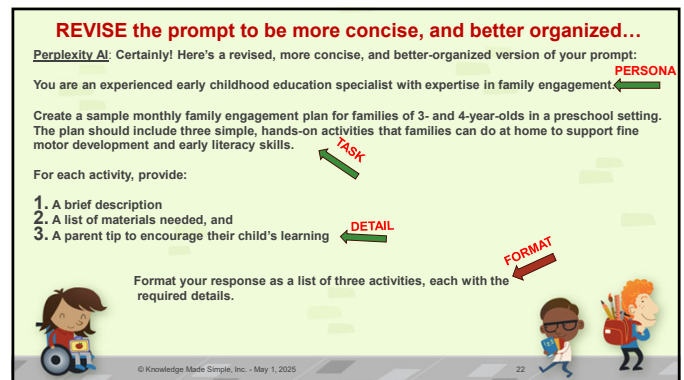
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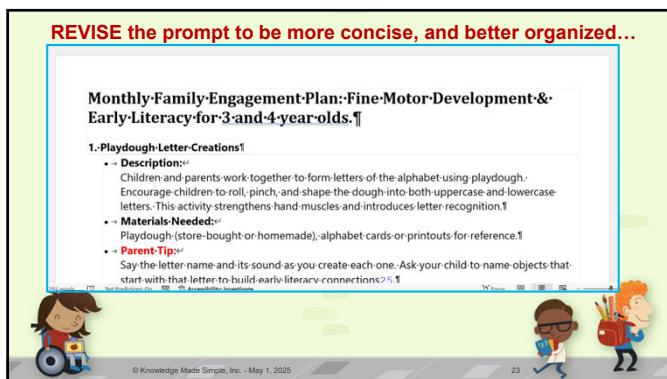
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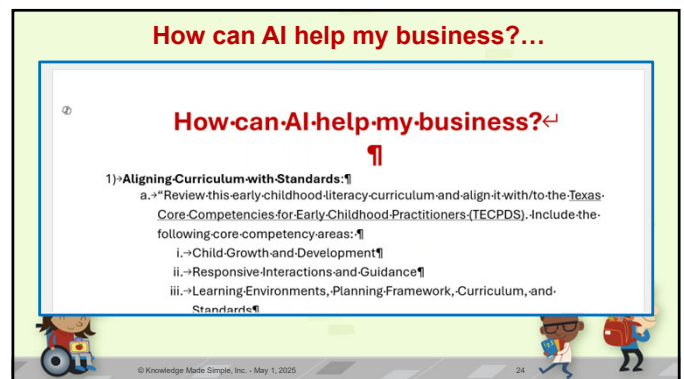
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24

## AI FACTUAL AND ETHICAL CONSIDERATIONS

- Privacy safeguards and Ethical Considerations
- **Hallucinations** - Inaccurate or distorted output (May be one word, number, or paragraph)
- **Bias** - AI models trained on biased, incomplete, or outdated information will return the same



25

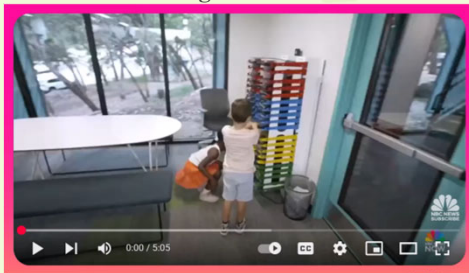
## AI PROMPTING COMMAND SUGGESTIONS

- Ask me questions about my <sup>task</sup> center before START
- Do not give me any more information after I say "STOP"
- Always, always review the AI output before you distribute inside or outside of center



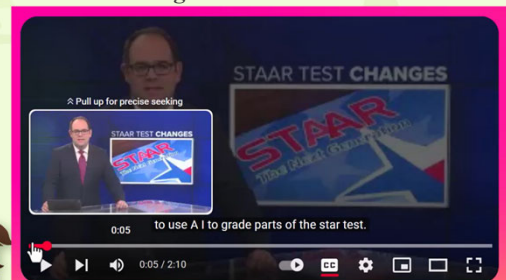
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## This Texas private school teaches students through AI



27

## Mounting frustration over the TEA's plan to use AI to grade STAAR



28

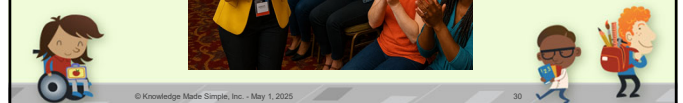
## AI Image Creation with Free DALL-E-3 \*Chatgpt\*

I am an African American e-Learning Training specialist. I'm presenting a seminar entitled "**Embrace the Future of Childcare with AI**". The event is the "**Make Space for Reading ECE Conference**" to be held at the Moody Gardens Hotel in Galveston, TX on May 3<sup>rd</sup>. The audience consists of childcare directors, managers, teachers and providers. Draw an image showing all the happy and satisfied faces, standing and applauding wildly at the conclusion of this magnificently successful seminar presentation.



29

## AI Image Creation with Free DALL-E-3 (Chatgpt)



30

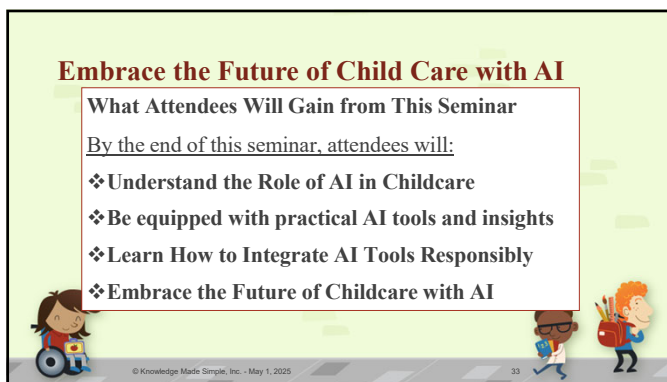




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33



34

Open AI-Chatgpt, Google Gemini, Microsoft Copilot, and Perplexity AI are all names and trademarks of the referenced companies.

All material is the result of actual prompts and their respective AI outputs.

Fair use website searches for ECE prompts and references.



Seminar AI Outputs and Summaries

*Google Gemini*

*What are some ideas for new revenue streams for a childcare business in Galveston, TX?*

Show thinking

Here are some ideas for new revenue streams for a childcare business in Galveston, TX, keeping in mind the unique aspects of a coastal tourist town:

**Leveraging Galveston's Unique Location & Tourism:**

- **Tourist Drop-In Care:** Partner with local hotels, vacation rentals, and tourist attractions to offer short-term, drop-in childcare services for visiting families. This could be marketed as a "Parents' Day/Night Out" option.
- **Beach-Themed Summer Camps & Activities:** Capitalize on the coastal environment by offering specialized summer camps or daily activities centered around marine life, beach safety, sandcastle building, and other ocean-related themes. These could command a premium price.
- **"Cruise Ship Kids Club" Partnership:** Explore opportunities to partner with cruise lines docking in Galveston to provide pre- or post-cruise childcare services for passengers.
- **"Island Explorer" Packages:** Offer themed packages that incorporate local attractions, like Moody Gardens or the Pleasure Pier, into the childcare experience (with appropriate safety measures and parental consent).

**Expanding Existing Services & Offerings:**

- **Extended Hours & Weekend Care:** Cater to parents with non-traditional work schedules or those who need weekend coverage for events or errands.
- **Before- and After-School Programs with Transportation:** If not already offered, this can be a significant revenue stream, especially for families living or working near the childcare center.
- **Specialized Classes & Workshops:** Offer extracurricular classes like music, art, foreign languages, or STEM activities for an additional fee.
- **Birthday Parties & Event Rentals:** Rent out the childcare facility on weekends or evenings for children's birthday parties or other kid-friendly events.
- **Drop-In/Hourly Care:** Provide flexible childcare options for parents who need occasional care without a full-time commitment.

**Adding Complementary Services:**

- **Parenting Workshops & Seminars:** Host paid workshops on topics like child development, nutrition, positive discipline, or early literacy.
- **Retail Sales:** Sell related items like diapers, wipes, snacks, educational toys, and sunscreen.
- **Transportation Services:** Offer pick-up and drop-off services from designated locations for an extra charge.

- **Tutoring Services (for older children in after-school programs):** This can be a valuable add-on for busy parents.
- **Meal Prep Services (for enrolled children):** Offer a convenient option for parents by providing healthy and nutritious meals and snacks.

### Utilizing Existing Assets & Resources:

- **Renting Out Space During Off-Hours:** If the facility has unused space, consider renting it out to other businesses or community groups for meetings or events during evenings or weekends.
- **Consulting Services for Other Childcare Businesses:** If the business has a strong reputation and expertise, offer consulting services to new or struggling childcare centers in the area.

### Technology & Innovation:

- **Subscription Boxes:** Offer themed subscription boxes with age-appropriate activities, crafts, and learning materials delivered monthly.
- **Online Resources & Courses for Parents:** Create and sell online courses or downloadable resources on various parenting topics.
- **Premium Communication Features:** Offer enhanced communication features through a mobile app (e.g., live video feeds, detailed progress reports) for an additional fee.

### Important Considerations for Galveston:

- **Seasonality:** Be mindful of the tourist season in Galveston and adjust offerings and pricing accordingly.
- **Hurricane Preparedness:** Ensure your business has a robust hurricane preparedness plan, which can be a selling point for concerned parents.
- **Local Partnerships:** Build strong relationships with local businesses, schools, and community organizations to expand your reach.
- **Insurance & Licensing:** Always ensure all new revenue streams comply with relevant childcare regulations and insurance requirements in Texas.

By carefully considering these ideas and the specific needs of families and tourists in Galveston, your childcare business can explore new and profitable revenue streams. Remember to conduct market research to determine the demand for each potential offering and to tailor your services to best meet the needs of your target audience.

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*I am a home-based child care business owner. I have \$1,000 to invest in increasing my revenue or cutting costs over the next 60 days. What are my three best options to consider?*

Show thinking

Here are three options for your home-based childcare business to consider investing \$1,000 in over the next 60 days to increase revenue or cut costs:

### Option 1: Boost Your Online Presence and Local Marketing

- **Focus:** Increasing enrollment (revenue).
- **Investment:** Allocate approximately \$300 - \$500.
- **Actions:**



- **Targeted Online Advertising:** Invest in targeted Facebook and Instagram ads to reach parents in your Katy, Texas area who are searching for childcare. You can specify demographics, interests, and location. This can quickly increase visibility.
- **Update or Create a Simple Website/Social Media Page:** If you don't have a professional online presence, invest in a basic website (using platforms like Wix or Squarespace which can have affordable starting plans) or optimize your existing social media page. Include clear information about your services, hours, rates, testimonials, and contact information. High-quality photos of your childcare space and activities are crucial.
- **Local Community Outreach:** Print flyers or business cards highlighting your unique offerings and distribute them at local community centers, libraries, pediatricians' offices, and family-friendly businesses in Katy. Offer a small discount for referrals from these locations.
- **Potential Impact:** Increased inquiries and enrollment, leading to higher revenue within the 60-day timeframe and beyond.

## Option 2: Enhance Efficiency and Reduce Operational Costs

- **Focus:** Cutting costs.
- **Investment:** Allocate approximately \$400 - \$600.
- **Actions:**
  - **Bulk Purchasing and Inventory Management:** Analyze your recurring expenses (diapers, wipes, cleaning supplies, snacks). Purchase these items in bulk from wholesale stores or online retailers to take advantage of discounts. Implement a simple inventory system to avoid overbuying and track usage.
  - **Energy Efficiency Improvements:** Invest in energy-efficient upgrades like switching to LED light bulbs, using smart power strips to reduce phantom energy drain, and ensuring proper insulation. Depending on your situation, a programmable thermostat could also be a worthwhile investment.
  - **Streamline Processes:** Evaluate your daily routines and identify areas where you can save time and resources. This might involve creating standardized forms, optimizing meal preparation, or implementing a digital communication system with parents.
- **Potential Impact:** Lower monthly expenses, leading to increased profitability over time. The savings might not be immediately apparent within 60 days but will accumulate long-term.

## Option 3: Invest in Engaging Activities and Offerings

- **Focus:** Increasing enrollment and potentially justifying a slight rate increase (revenue).
- **Investment:** Allocate approximately \$500 - \$700.
- **Actions:**
  - **Purchase New Educational Toys and Materials:** Invest in high-quality, age-appropriate educational toys, books, art supplies, and learning materials that can enhance the children's development and engagement. Focus on items that can be used for multiple activities and age groups.
  - **Create a Themed Learning Area or Introduce a New Program:** Designate a specific area in your childcare space for a particular theme (e.g., a reading nook, a science exploration station, a dramatic play area). You could also introduce a new weekly activity like a music and movement class or a foreign language introduction. Market these enhancements to attract new parents and potentially justify a small increase in your rates for new enrollments.
  - **Improve Outdoor Play Area (if applicable):** If you have an outdoor space, consider investing in some new, safe play equipment like a small slide, tunnel, or ride-on toys to make it more appealing to children.
- **Potential Impact:** Attracting parents who value enriched learning environments, potentially leading to increased enrollment or the ability to charge slightly higher rates.

## Recommendation:

The best option for you will depend on your current situation and priorities.

- If your enrollment is currently low, **Option 1 (Boosting Online Presence and Local Marketing)** might provide the most immediate impact on your revenue.
- If you have a good enrollment but want to improve your bottom line, **Option 2 (Enhancing Efficiency and Reducing Operational Costs)** can lead to long-term savings.
- If you want to differentiate your childcare and attract parents seeking enriching experiences, **Option 3 (Investing in Engaging Activities and Offerings)** could be a strong choice.

Consider your current occupancy, your marketing efforts to date, and your operational expenses when making your decision. Good luck!

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Generate the best prompt I can use to recruit staff to my childcare center in Texas City, TX

## ChatGPT said:

*Here's a professional and compelling prompt you can use to recruit staff for your childcare center in Texas City, TX. It strikes a balance between warmth and professionalism, highlighting your mission and what you're looking for:*

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## 🌟 We're Hiring! Join Our Loving Childcare Team in Texas City, TX 🌟

Are you passionate about shaping young minds and making a real difference in children's lives? We're looking for caring, dedicated, and energetic individuals to join our growing childcare center in **Texas City, TX!**

## Now Hiring:

- Lead Teachers
- Assistant Teachers
- Infant & Toddler Caregivers
- Classroom Aides

## Why Join Us?

- Supportive, family-like work environment
- Competitive pay and opportunities for growth
- Ongoing training and professional development
- The joy of helping children learn, grow, and thrive every day

## What We're Looking For:

- A heart for children and a strong sense of responsibility

- Previous childcare experience (preferred but not required)
- CPR/First Aid certification (or willingness to obtain)
- Ability to pass a background check
- Team players who bring positive energy and reliability

If you're ready to inspire young minds and be part of something meaningful, we'd love to meet you!

👉 **Apply today by calling [Your Phone Number] or emailing [Your Email Address]**

📍 Location: Texas City, TX

*Let's build a brighter future together—one child at a time!*

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Would you like me to tailor this for a flyer, social media post, or job board ad?

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*Create a child care business social media ad for our church newsletter. The ad must be less than 150 words and emphasize we are a caring, high quality childcare center. Highlight that we will waive the registration fee for congregation members enrolling their children.*

ChatGPT said:

Absolutely! Here's a polished social media-style ad tailored for your church newsletter:

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### **Looking for Loving, High-Quality Child Care?**

At [Your Childcare Center Name], your child's growth, safety, and happiness are our top priorities. We provide a nurturing, faith-filled environment where children can learn, play, and thrive under the guidance of experienced and compassionate caregivers.

🌟 *Now welcoming new families!*

As a special blessing to our church community, **we're waiving the registration fee** for all congregation members who enroll their children.

Let us care for your little ones while you worship, serve, and grow.

📍 Visit us or call [phone number] to learn more!

❤️ Because every child deserves a great start.

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*Perplexity AI*

*Revise the following prompt to be more concise, more focused better organized. "1) You are an experienced early childhood education*

*specialist with a background in family engagement. Many early childhood educators do very well in classroom activities but find designing interactive family engagement plans challenging. With this in mind, create a family engagement activity that encourages learning at home and increases family engagement with the program. As early childhood educators of 3- and 4-year-old children in a preschool setting, we want to provide a sample monthly family engagement plan that gives substance to simple, hands-on activities that parents can engage their children in to promote learning within the classroom. This month, we are focusing on fine motor development and early literacy skills. Please provide a description of each activity, the materials needed, and a parent tip that would encourage their child's learning. Format the response as a list of three activities, including a description, materials list, and a tip for parents."*

Certainly! Here's a revised, more concise, and better-organized version of your prompt:  
You are an experienced early childhood education specialist with expertise in family engagement. Many educators excel in classroom activities but find it challenging to design interactive family engagement plans.

Create a sample monthly family engagement plan for families of 3- and 4-year-olds in a preschool setting. The plan should include three simple, hands-on activities that families can do at home to support fine motor development and early literacy skills.

For each activity, provide:

- A brief description
- A list of materials needed
- A parent tip to encourage their child's learning

Format your response as a list of three activities, each with the required details.

Generate the revised, more concise, and better-organized version of the above prompt:

## Monthly Family Engagement Plan: Fine Motor Development & Early Literacy

### 1. Playdough Letter Creations

- **Description:**  
Children and parents work together to form letters of the alphabet using playdough. Encourage children to roll, pinch, and shape the dough into both uppercase and lowercase letters. This activity strengthens hand muscles and introduces letter recognition.
- **Materials Needed:**  
Playdough (store-bought or homemade), alphabet cards or printouts for reference.
- **Parent Tip:**  
Say the letter name and its sound as you create each one. Ask your child to name objects that start with that letter to build early literacy connections<sup>25</sup>.

## 2. Bead Stringing Name Bracelets

- **Description:**  
Children string beads onto pipe cleaners or laces to spell their names or simple words. This activity develops fine motor skills and reinforces letter recognition and sequencing.
- **Materials Needed:**  
Large beads (with letters if available), pipe cleaners or shoelaces.
- **Parent Tip:**  
Encourage your child to say each letter as they add it to the bracelet. Talk about the sounds each letter makes and practice spelling other family members' names<sup>45</sup>.

## 3. Storytime & Tape Rescue

- **Description:**  
Read a favorite story together, then play a "tape rescue" game: tape small toys or paper letters to a table or tray and have your child peel them off. This builds finger strength and coordination while connecting to the story's theme or characters.
- **Materials Needed:**  
A storybook, masking or painter's tape, small toys or paper letters.
- **Parent Tip:**  
After reading, ask your child to retell the story or name the characters as they "rescue" them. This supports comprehension and narrative skills while working on fine motor development<sup>23</sup>.

These activities are simple, hands-on, and designed to strengthen both fine motor and early literacy skills while fostering meaningful family engagement at home.

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Microsoft CoPilot

*Write an email explaining to my family community why prices have increased. Reference increased costs of supplies, overall inflation, and higher food costs especially eggs.*

Here's a thoughtful draft for your email:

**Subject:** Understanding the Recent Price Increases

Dear Family Community,



I hope this message finds you well. I wanted to take a moment to address a topic that affects all of us: the recent changes in pricing. Transparency is important to me, and I'd like to explain the factors that have led to these increases.

Over the past year, we've seen a significant rise in the cost of supplies. From raw materials to packaging, these changes have impacted almost every aspect of production. Additionally, the broader challenge of overall inflation has affected the economy in ways that touch every household and business.

One area that has been particularly impacted is food costs. As many of you might have noticed, the price of eggs—an essential ingredient in countless recipes—has soared due to supply chain challenges and market demand. This is just one example, but it reflects the broader picture of rising expenses.

Please know that these adjustments were not made lightly. We are committed to maintaining the quality and reliability you've come to count on, and we are actively seeking ways to offset costs where possible while staying fair and sustainable.

Thank you for your understanding and continued support. If you have any questions or would like to share your thoughts, I'm always open to hearing from you. Together, we'll navigate these challenges and continue building a strong, connected community.

Warm regards, [Your Name]

Would you like me to adjust anything, such as the tone or add specific details? Let me know, and I'll gladly refine it!

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# How can AI help my business?

## 1) **Aligning Curriculum with Standards:**

- a. “Review this early childhood literacy curriculum and align it with/to the Texas Core Competencies for Early Childhood Practitioners (TECPDS). Include the following core competency areas:
  - i. Child Growth and Development
  - ii. Responsive Interactions and Guidance
  - iii. Learning Environments, Planning Framework, Curriculum, and Standards
  - iv. Supporting Skill Development
  - v. Observation and Assessment
  - vi. Diversity and Dual Language Learners
  - vii. Family and Community Relationships
  - viii. Health, Safety and Nutrition
  - ix. Professionalism and Ethics
- b. Suggest developmentally appropriate assessments to measure learning outcomes.”
- c. “Analyze this curriculum and create a table mapping its alignment with NAEYC
- d. . Recommend small modifications to strengthen alignment with key standards.”

## 2) **Modifying for Different Learning Needs:**

- a. “Adapt this early childhood math curriculum to better support children with sensory sensitivities, ensuring accessibility while maintaining engagement.”
- b. “Revise this literacy curriculum to provide additional scaffolding for emergent bilingual learners while maintaining alignment with IELDS.”
- c. “Modify this social-emotional learning (SEL) curriculum to better support neurodivergent children, ensuring inclusivity and accessibility.”

## 3) **Creating Adaptive Learning Pathways:**

- a. “Propose an adaptive learning pathway within this science curriculum that introduces early science concepts through loose parts and sensory play.”
- b. “Suggest ways to structure an inquiry-based curriculum for toddlers that incorporates hands-on, exploratory learning aligned with early childhood development principles.”

## 4) **AI-Powered Sensory Bin & Learning Center Ideas**

- a. “What kind of sensory bin activities can I create using the items in this image?” attach (photo of sensory table, dramatic play area, block center)

- b. “How can I use these loose parts to support fine motor development and early math skills?”
- c. “Suggest five different activities for the text Little Leena learns about Ramadan with materials in this picture.”

**5) Generating Thematic Learning Units:**

- a. “Create a one-week early childhood unit on ‘Weather Wonders’ with developmentally appropriate activities in literacy, math, and sensory play.”
- b. “Create a month-long unit on gratitude for 1st grade on developmentally appropriate SEL skills, including the family and community in Galveston, TX.”

**6) Modifying and Differentiating Activities:**

- a. “I have a circle-time song about the seasons. How can I modify it for children who are nonverbal?”
- b. “Modify these Read-Aloud follow-up activities to accommodate three different levels, e.g., beginner, advanced, and ELLs)”

**7) Personalizing Activities:**

- a. “My student, Leena, loves balloons. Suggest an outline for a phonics lesson for her that includes phonemic awareness and a game.”
- b. “Zayd, a preschooler, loves chocolate and is an ELL. His primary language is Spanish. Write a short, funny story for him that ends with sharing that scaffolds English development while honoring his Spanish heritage.”

**8) Creating Printable Learning Materials:**

- a. “Generate a set of alphabet tracing worksheets with a jungle animal theme.”

**9) Designing Interactive Visual Schedules:**

- a. “Create a simple morning routine visual schedule for a preschool classroom with illustrations and step-by-step cues.”

**10) Enhancing Storytelling & Language Development:**

- a. “Write a short story for toddlers about a curious squirrel who learns how to share.”

**11) Bonus Idea:** Have children draw a picture and use AI to generate a custom story inspired by their illustration!

**12) Classroom Organization & Documentation:**

- a. AI can summarize observational notes, track developmental milestones, and generate parent communication templates.
- b. “Summarize these three anecdotal observations into a progress update for a child’s learning portfolio.”