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Skillset 3: Learner and Contextual Analysis Worksheet

Directions: Identify relevant factors in categories (only where and when appropriate).

What type of educational program will be designed? _____ **Website** _____

OVERVIEW:

The educational program that will be implemented is an educational website presenting information on “Taking Care of a Child With Asthma.” This website was designed to inform parents of ways to treat and handle situations that may present themselves with a child who is diagnosed with asthma. The chosen setting will allow for an increase in flexibility of parents’ time and schedule. Parents will be given information on how to access the informative website and how to successfully benefit from the learning sessions. The website was designed based on information and data collected and analysed from “Learner” and “Environmental” factors of all three Contexts. Analyzing and incorporating this information allows for an insightful, and comfortable learning experience for all learners involved.

Orienting Context	Data Collection for Information
Learner Factors <i>background, need, characteristics, attitudes, culture, skills, spoken language, reading skills</i>	
Who are the learners? Age (focus is for parents so generally between 20 and 40); gender (mostly female (primary care giver) but also male; background, culture, language and reading skills will all vary as children with asthma come from all walks of life. What are the learner's goals? What are they hoping to learn from the website? What type of information will be helpful in dealing with their child's chronic illness?	Clinic data - Any clinic data gathered for annual reports (i.e. age of patients, length of illness, ethnicity, gender, race, socioeconomic status, etc.) Data collection from current patients’ medical records An initial survey of parents of current patients (though this data will change as new patients are diagnosed).
Immediate Environment Factors <i>access</i>	

<p>Do parents have access to a computer with Internet access in their home? In a nearby library or other facility?</p>	<p>Survey of parents of current patients</p>
<p>Organizational Factors <i>clinic resources, program commitment, budget, time</i></p>	
<ul style="list-style-type: none"> ● Are there educational resources available to use for web-based instruction? If not, where will they come from? ● Who will pay for the production and maintenance of the web site and/or additional resources? ● What type and how much funding is available for the training? 	<p>Interview with clinic administrator and/or medical/nursing staff</p>

Instructional Context	Data Collection for Information
Learner Factors <i>comfort with instruction, adequate skills, match to characteristics, change in needs</i>	
<p>Have the parents ever participated in an asthma education program before? What was that like?</p> <p>What has been hard/easy about....</p> <ul style="list-style-type: none"> ● Are parents comfortable with accessing the Internet? ● Are parents comfortable with self-paced /self-instruction learning? ● What has been problematic and/or unproblematic about obtaining pertinent information on asthma? ● Are parents able to read and follow the directions presented in the learning session? 	<p>Forced answer survey Open ended response questionnaire</p> <ul style="list-style-type: none"> ● Parents of previous patients complete Questionnaire /Interview using open-ended questions
Immediate Environment Factors <i>access, schedule, childcare issues, relevancy of information, quality of instruction/program</i>	
<ul style="list-style-type: none"> ● Do parents have access to computers with Internet availability? If not, ● Do parents have transportation to go to a public library or school to access the Internet? ● Are the learning sessions conducive with parents work schedule? ● Would parents want the learning sessions to be continuous or sporadic? ● Will the information be easily readable to the parents? ● Is the information presented --child friendly? 	<ul style="list-style-type: none"> ● Survey/Questionnaire of previous patients ● Questionnaire given to medical staff and/or clinic coordinator

Organizational Factors <i>delivery resources, production personnel, response to formative evaluation</i>	
<ul style="list-style-type: none">• Will there be continuous web maintenance provided?	<ul style="list-style-type: none">• Interview web designer for maintenance inquiries• Interview with clinic administrator and/or medical/ nursing staff

Transfer Context	Data Collection for Information
Learner Factors <i>ongoing needs, commitment, capabilities, emerging needs, troubleshooting, awareness of other resources</i>	
What is the best way to provide parents with asthma related news updates? (email, mailings, announcements on the website)	Survey parents before or after initial education is complete in person, at the clinic or on the website
What other resources and trainings would parents like to receive?	Quick Survey on the website after training or a simple button on the homepage of users to submit.
Immediate Environment Factors <i>opportunities, cultural and family support, pediatrician involvement, child response</i>	
What are the ongoing support group opportunities for parents of children with Asthma?	Interview local businesses, churches, and Doctor information databases.
Can an online chat or support group be added to the website?	Ask Web Designer or person responsible for site upkeep
Can pediatricians follow up with parents of patients after recommending them to the training? (maybe by a simple note in their chart)	Suggestions for clinic Doctors, Nurse Practitioners, and Nurses after observing how those professionals take notes and refer back to them in charts.
How do the parents share the learned information with other adults in their child's life?	Survey Education Coordinator, or members of support group for information shared during meetings. Observe support group meeting if possible.
How will parents transfer information to their child, and related persons, so they can be aware of symptoms and preventative measures?	Forced Answer Survey asking parents if and how they will transfer learned information to their child, caretakers, related school personnel, and anyone within contact of their child.
Organizational Factors <i>supports, available resources, ongoing</i>	

<i>maintenance</i>	
<p>What incentives can parents be offered after completing the education program and utilizing the website resources? (ie: discount on asthma medication, tickets to fundraisers and benefits through the AAFA)</p>	<p>Soliciting Doctors, Pharmaceutical Representatives, AAFA (Asthma and Allergy Foundation of America)</p>
<p>Who (if available) will contact parents for follow up and feedback on information gained from the website?</p>	<p>As part of the design and development process work with the Parent Education Coordinator to establish roles and associated personnel to ensure the necessary contextual transfer is taking place. (asking for medical or parental volunteers is also an option)</p>
<p>Who will maintain and update the website?</p>	<p>Interview Clinic staff on web capabilities, willingness to update, or if needed find someone to train the Education Coordinator using a free web developer.</p>