Challenge-Focused Learning in Action
Flower Stand

http://www.amanda-warner.com/samples/flowerstand/index.html
Goal

Familiarity with basic small business decision making skills
Pandemic 2

http://www.crazymonkeygames.com/Pandemic-2.html
BREAKING NEWS

DISEASE SPOTTED IN NEW ZEALAND
Childhood TB Learning Portal

http://childhoodtb.theunion.org/
Chandni has not improved.

Your first patient, Chandni, is 2 years and 2 months old. She was brought to the clinic by her mother, Erina.

Chandni came to the clinic two weeks ago and was given a course of amoxicillin for her persistent cough. However, she has not improved.
Treatment Case 1

Dosage Chart - Intensive Phase

<table>
<thead>
<tr>
<th>Weight (kg)</th>
<th>Rifampicin, isoniazid, pyrazinamide dispersible (60,30,150)</th>
<th>Rifampicin, isoniazid dispersible (60,60)</th>
<th>Ethambutol tablet (100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 - 7</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>8 - 14</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>15 - 20</td>
<td>3</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Below are the medicines available at this location. Different tablets contain different amounts (mgs) of rifampicin (R), isoniazid (H), pyrazinamide (Z), and ethambutol (E). Calculate Chandni's daily dosage for the intensive phase using the dosage chart on the left, given that she weighs 13 kilograms and has non-severe pulmonary TB.

Click a bottle to add medicine.

Double-click a tablet to remove it. When you have the worked out the correct daily dose of tablets, click the Submit button.
Why does Chandni need to take the medication for so long?

What would you like to say to Erina? Select the best choice and then click the Submit button.

- Here is seven days of treatment for Chandni. If you have any questions, be sure to remember them for when you come back.

- Chandni will need to take treatment every day for a total of six months. Right now it is three tablets every day. This probably sounds like a lot, but unfortunately it is necessary. After two months, she will have to take a little less medicine.

- Chandni will need to take treatment until she feels better, hopefully in two to three weeks. When she stops coughing, it is a sign that the TB bacteria have all been killed.

Good choice. It’s important that Erina understand that Chandni’s treatment will take a full six months.

Continue

Submit
Adama is the thirty-two-year-old wife of Lamin. She does not have a cough, fever, recent weight loss, or reduced activity level. She is HIV-positive.

What would you suggest?

- [ ] Offer IPT
- [ ] Investigate for active TB disease
- [ ] No treatment at this time

- Backary, 8
  - Click to evaluate

- Adama, 32
  - Click to evaluate
  - Visiting Friends
  - Live in Same Building

- Bai, 4
  - Click to evaluate

- Ebrima, 8 months
  - Referred with possible TB

- Lamin, 33
  - Diagnosed with smear positive TB
  - Started on IPT

- Foday, 7
  - Click to evaluate

- Loli, 8
  - Click to evaluate
Click the question mark icons and decide which actions you would suggest to reduce TB infection at this facility.

Your suggestions:
- Consider moving the waiting area outside

While you will need to consider other factors such as weather and location as well, moving the waiting area outside can reduce the chance of TB exposure and infection.
Childhood TB for Healthcare Workers

Module 1 - Epidemiology

In this first module, you will learn about TB in children and the risk factors for exposure/infection, disease, and severe disease. You will also take a look at TB reporting data and how this information rolls up into the global picture of childhood TB.

Module 2 - Diagnosis

In module two, you will learn how to assess a child who has symptoms that could be caused by TB. For each child, you will take a history of symptoms and signs, perform a clinical examination, and request some diagnostic tests before making a diagnosis.

Module 3 - Treatment

In module three, you will learn how to initiate children with TB onto treatment. You will also learn how to follow them up, manage adherence issues and side effects, and support the child and their family throughout the whole treatment period.

Module 4 - HIV/TB

In module four, you will learn about the specific considerations of TB in the context of HIV, building on skills for diagnosis and treatment that you learned in previous modules.

Module 5 - Prevention

In module five, you will learn ways to prevent the development of TB in children through vaccination, preventive therapy, and infection control. You will also learn how to detect new cases of childhood TB in households of TB patients.

Module 6 - Practice

In this final module, you will apply what you have learned to diagnose, treat, and prevent TB in a series of patients.
Isoniazid Preventive Therapy (IPT) for the Prevention of Tuberculosis in People Living with HIV

Isoniazid Preventive Therapy for the prevention of tuberculosis in people living with HIV/AIDS

Guidelines for Intensified Tuberculosis Case-Finding and Isoniazid Preventive Therapy for People Living With HIV in Resource-Constrained Settings
Patient Record 1 of 9: Maria

Maria is a 24 year-old pregnant woman living with HIV. She had a positive TST last week. She does not report any symptoms of current cough, weight loss, or night sweats and does not have a fever.

We'll start by looking at a series of patient histories and determining whether they are good candidates for IPT. Then, we'll present our findings to the staff to start a discussion about when and how to prescribe IPT.

Let's start with the patient history on the left. Based on this patient’s symptoms, is she likely to have an active case of TB?

- [ ] Yes
- [x] No

Accuracy: [progress bar]
Patient Record 1 of 9: Maria

Maria is a 24 year-old pregnant woman living with HIV. She had a positive TST last week. She does not report any symptoms of current cough, weight loss, or night sweats and does not have a fever.

I agree that Maria doesn't seem to have any symptoms of active TB. Does her history suggest that she would be a good candidate for IPT?

- Yes
- No, because she is not at risk for active TB
- ✓ No, because her history includes contraindications to IPT

Accuracy: [Bar Graph]
Preventing Corruption within Humanitarian Aid

https://ifrc.csod.com/client/ifrc/default.aspx (search for course title)
Time since earthquake: 0 days

Overall Corruption Risk

Beneficiaries' Needs Being Met

Community Perception

Donor Satisfaction

What do you recommend?

- Begin a full response immediately, relying on what your partner agency has told you instead of conducting an assessment
- Conduct a quick assessment while doing only minor relief work (2 days)
- Conduct a longer assessment while doing only minor relief work (1 week)
- Conduct a comprehensive assessment while doing only minor relief work (1 month)
What do you recommend?

- Resume paying the fees out of your project budget
- Publicize your organization's anti-bribery policy
- Form an agreement with another organization that neither of you will pay facilitation payments
- Take another staff member with you to future meetings with officials
- Discuss the situation with Caymen
- Discuss the situation with Kayne, a staff member who is also a member of a household receiving a latrine
What do you do?

- Threaten to report Caymen to his supervisor
- Yell at Caymen
- Offer to pay the current fees as long as it means there won't be other fees in the future
- Explain that if you pay fees like this, your organization won't have as much money to help beneficiaries
- Ask to speak with Caymen’s supervisor
- End the conversation with Caymen
What do you do?

- Explain that if you pay fees like this, that your organization won't have as much money to help beneficiaries.

- Ask, 'Do you have any ideas for moving the project forward without paying the extra fees?'

- End the conversation with Kanye.
I have heard from members of my community that this is important. Let me speak with Caymen’s supervisor and see what I can do.

Two days after your meeting with Masika, Caymen comes to tell you that he was mistaken about the extra fees, and he gives you the needed permits on the spot. You are able to complete your project and install 100 new latrines in the community. Incidences of diarrhea begin to go down.
I am not comfortable doing that. What if I lose my job?

If your job was at stake, would you feel comfortable saying no? What if you were supporting your family with your job? Regardless of what you might do, Anh does not feel like she has enough power in this situation to tell her boss no. You will have to find another solution.

What do you think Anh should do?

- Hire the boss's preferred candidate
- Tell her boss no
- Threaten to report her boss to HR
- Report the situation to HR
- Ask a close friend for their opinion
- Start looking for another job
- Look for other ways to report the situation
You are reviewing the bids received for the last contract this company won. Click any areas (2 total) on the documents that seem suspicious. If you need additional help, click the magnifying glass to view a checklist for this activity.

Marly Medical Supplies
254 5th St.

500 Medical Kits — $550

Price good until April 3

Kits Medical
75964 North West Blvd

500 Medical Kits: $600

Total: $600

Green Care Supplies
325 High St.

500 Medical Kits: $800

"Quality medical supplies for 50 years"
Summary

Don’t focus on creating a course. Instead, focus on the real-world change that you hope to achieve.

In almost all cases, challenge is key to promoting this real-world change.
Contacts and Links

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Flower Stand: http://www.amanda-warner.com/samples/flowerstand/index.html

Pandemic 2: http://www.crazymonkeygames.com/Pandemic-2.html

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Isoniazid Preventive Therapy (IPT) for the Prevention of Tuberculosis in People Living with HIV: http://www.fhi360.org/resource/isoniazid-preventive-therapy-ipt-prevention-tuberculosis-people-living-hiv-e-course

Preventing Corruption within Humanitarian Aid: https://ifrc.csod.com/client/ifrc/default.aspx (search for course title)