

Reaching Potential: Listening and Speaking Level IV



TECHNOLOGY

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THE UNIVERSITY OF BRITISH COLUMBIA

English as an Additional Language Programs

Okanagan School of Education

Reaching Potential: Listening and Speaking Level IV

Post Secondary Education Skills: Upper Intermediate English

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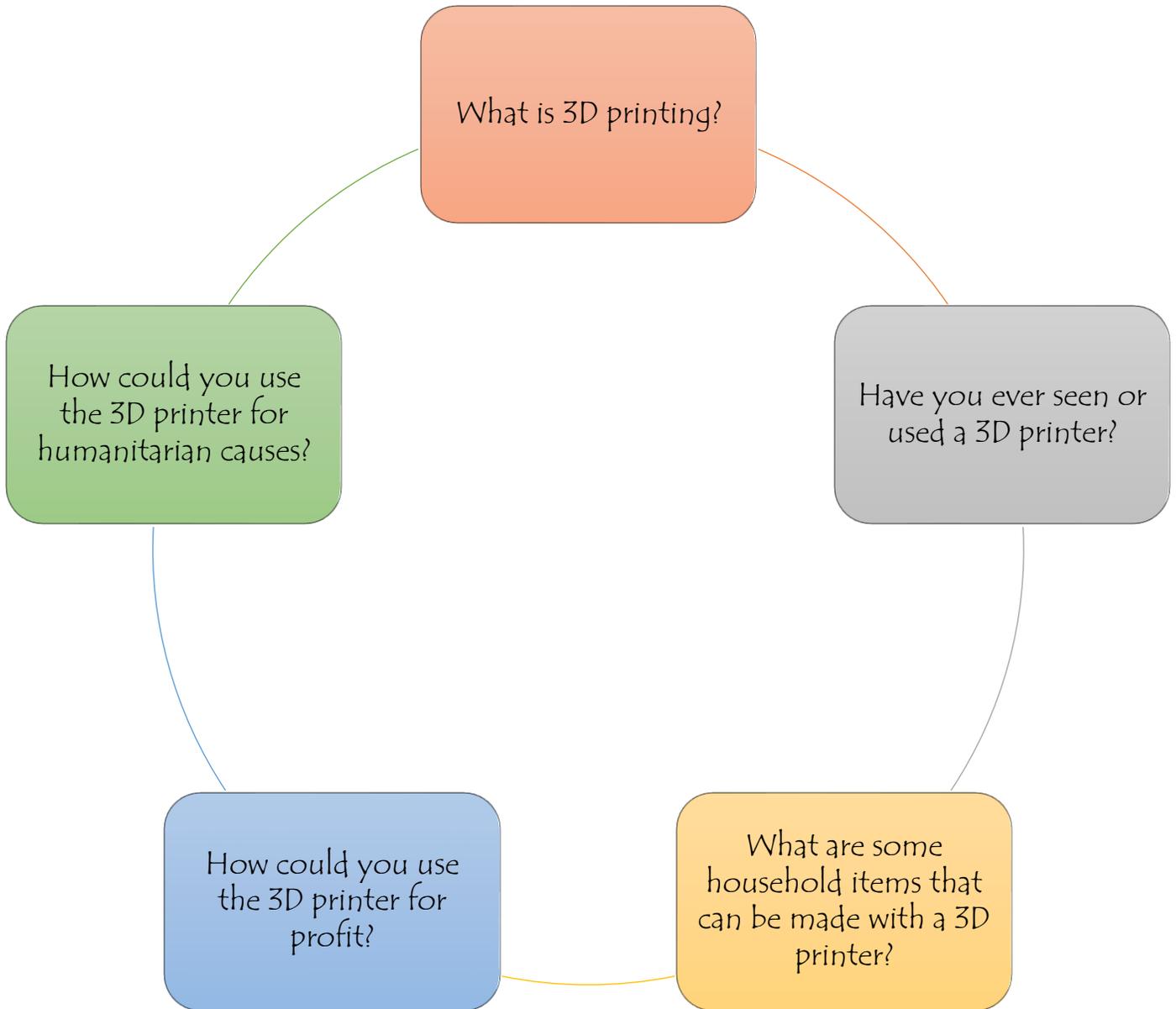
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Discussion

Activity A: Discussion

Discuss the following questions with a classmate or in small groups. You may look up some information online before you answer.

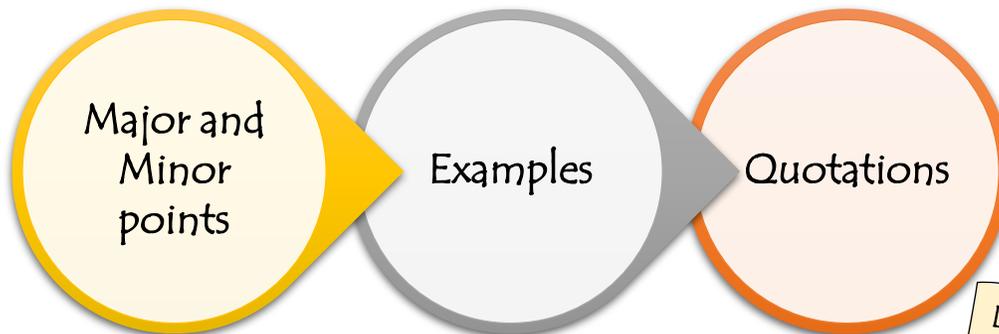


Listening Skill: Identification

Activity A: Identify Key Points

When you go to university in Canada, it will be important to listen to take notes when your professors speak. You will need to identify some major and minor points, examples, and quotations.

Listen to the following short segments about 3D printing. As you listen, try to identify the following:



Language Tip
We use different phrases for giving examples:

- For instance,
- For example,
- To illustrate,



Listen to Track 1

1.

Major points: _____

Minor points: _____

2.

How many examples did you hear? _____

3.

What words or phrases were used to give the examples? _____

4.

What phrase was used to introduce the quotation? _____

Activity B: Discussion

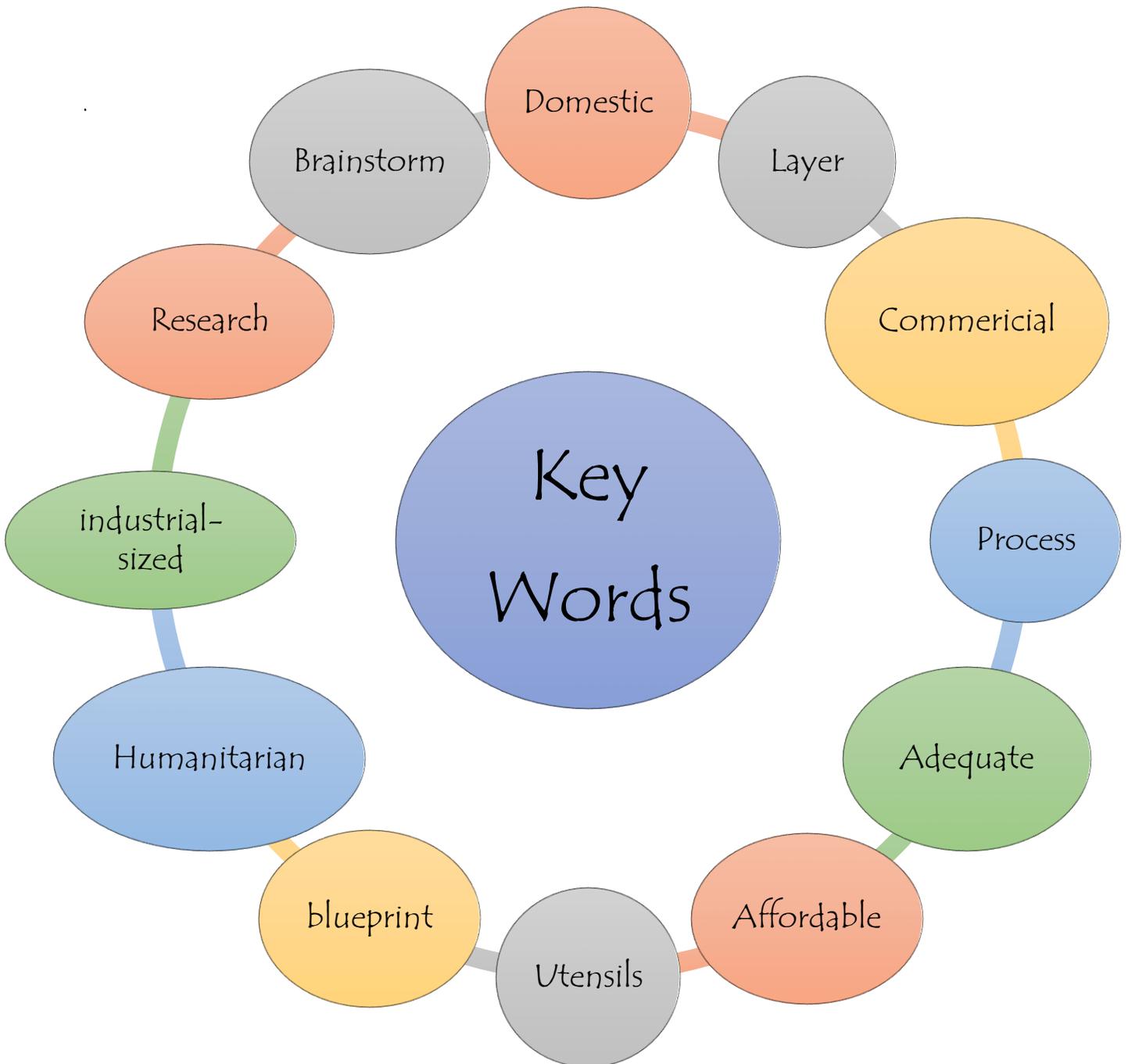
Try using some of the words to answer the questions from the discussion on page 5. Below, you can see some pictures of 3D printed items.



Core Listening Vocabulary

Activity A: Discussion

These are the key words for the first listening text of this unit. First, read the words. Then, discuss which words are new and figure out what they mean with a classmate or in small groups.



Activity B: Research

Research online to find the word type and definition for the words in the box below. Then, complete the table

Key Word	Word Type	Definition
Domestic	Adjective	
Commercial		Related to buying and selling things
Layer	Noun	
Humanitarian		Involved in or connected with improving people's lives and reducing suffering
Adequate	Adjective	
Affordable		Not expensive
Utensils	Noun	
Blueprint		A photographic copy of an early plan for a building or machine
Research	Verb	
Industrial-sized		A machine that is big enough to complete very large industrial tasks
Process	Noun	
Brainstorm		To suggest a lot of ideas for a future activity very quickly before considering some of them more carefully



Activity C: Listen for the Answers

Read the following questions.

Then, listen to the answers A-F and match the answers to the questions.

When you have finished, share your answers with a classmate or in small groups.



Listen to Track 2

Questions

1. How do 3D printers use **layers** to produce objects?
2. Where do you get **blueprints** for 3D printers?
3. What could we make with an **industrial-sized** 3D printer?
4. Do you think the 3D printer could be used for **humanitarian** purposes? Why/why not?
5. What **commercial** purposes could the 3D printer be used for?
6. Do you think that 3D printer could be used to make **domestic** items more **affordable**?

Discussion

Discuss questions 3, 4, 5, and 6 with a classmate or in small groups. Try to think of as many answers as possible.

Activity D: Create

Write five questions and/or statements using the key words. When you have finished, share your questions or statements to a classmate or in small groups.

- 1.
- 2.
- 3.
- 4.
- 5.



Listening Text: Academic Lecture on 3D Printing

Activity A: Notetaking

Listen to the lecture about 3D printing and how it can be used in humanitarian, commercial, and domestic environments. You should take notes as you listen to the lecture. You can write the notes in the box below.



Listen to Track 3

Writing notes can be a difficult skill. Here are some quick tips:

- Listen for the major points.
- Do not write every sentence you hear, write the key words.
- After you finish, read your notes and add extra details.

Activity B: Reflection

Share your notes with a classmate or in small groups.
You may ask and answer the following questions to help guide your discussion.

1. What were some major points in the lecture?
2. What were some minor points in the lecture?
3. How can a 3D printer be used in humanitarian contexts?
4. Do you think your local library should have a 3D printer? Why/why not?
5. Do you think it would be beneficial to have a 3D printer in peoples' homes?



Critical Thinking: 3D Printing and my Community

Activity A: Discussion

Discuss the advantages and disadvantages of having a 3D printer in the following environments with a classmate or in small groups:



Your home



Your local library



Your local high school



Your university

Activity B: Research

Research online and find some benefits of having a 3D printer in your house, community, school, or university. Find evidence to support your ideas.

Research Tip
When looking for a source, try to have a reliable website or research paper. You can usually use your university or college's library website to find reliable sources. You can also try using Google Scholar.

Location	Source	Benefits
Homes		
Local Libraries		
Schools		
Universities		

Activity C: Discussion

Share your answers from Activity B with a classmate or in small groups. When a speaker has finished, ask them three follow up questions about the benefits.

Discussion Tip
Make sure to cite your source. Cite your source according to your organization's style guide. For example, APA, MLA, or Chicago-style.



Grammar Skill: Using Noun Clauses and Reporting Verbs

A noun clause is a group of words which we treat and use like a noun.
A noun clause includes a subject and a verb.

We often use certain words to introduce a noun clause, like **who, what, where, when, which, that, if, how, and whether.**

Example of a noun clause:

There is a business that figured out how 3D printers print household utensils.

We use noun clauses to give information in an engaging way.

Activity A: Identify the Noun Clauses

Listen to the following examples of sentences using noun clauses. As you listen, underline the noun clauses in your textbook. The first one is done for you.



Listen to Track 4

1. Businesses are keen to find out how 3D printers print houses.
2. Whether 3D printers are a viable option for producing medical supplies is becoming a frequently asked question in the medical field.
3. The magazine showed which household items were possible to print in only 6 hours.
4. I agree that an industrial-sized 3D printer has many benefits, including the ability to print houses.
5. Most people agree that 3D printers should not be used for producing weapons.
6. There is a lot of debate about which 3D printers are the most efficient.

Activity B: Structure of Noun Clauses

When using noun clauses, it is important to remember the structure.

Noun Clause Structure:
Subject + verb

Listen to the following examples of correct and incorrect uses of noun clauses. Then, write the number of the correct use of the noun clause in the space provided.

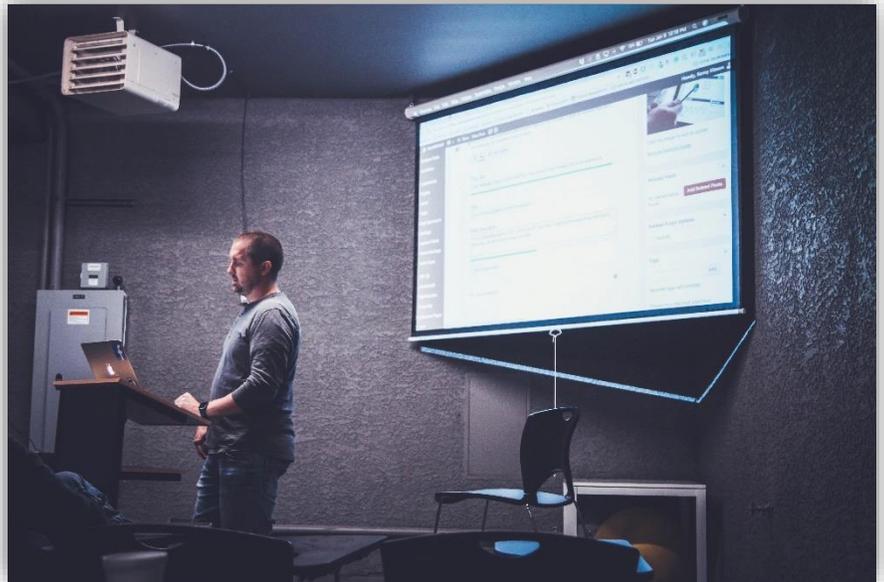


Listen to Track 5

A.
Correct use of noun clause: ____

B.
Correct use of noun clause: ____

C.
Correct use of noun clause: ____



Common Reporting Verbs

- Claim
- Say
- Explain
- Tell
- Argue
- Mention

Activity C: Noun Clauses and Reporting Verbs

Noun clauses are frequently used with reporting verbs. Reporting verbs belong to a list of verbs that are used to report what other people have said.

Listen to the following examples of noun clauses and reporting verbs. Write the reporting verbs in the spaces provided.



Listen to Track 6

1. _____
2. _____
3. _____
4. _____
5. _____

Activity D: Reporting Verbs and Noun Clauses

Listen to Track 6 again.

As you listen, write the reporting verb and the word after it. The first one is done for you.

Number	Reporting Verb	Following word
1	Explained	how
2		
3		
4		
5		

Activity E: Using Noun Clauses to Report and Describe

Look at your notes from the Academic Lecture on 3D Printing. Report some of the information from the lecture on 3D printing using noun clauses. You can use some of the sentences below to guide your reporting.

Noun Clauses

1. Whether... is not said in this article...
2. The greatest benefit of 3D printing is (that)...
3. Some people are reluctant to invest in 3D printing because they don't understand...
4. The speaker is unsure why...
5. One major danger of 3D printers is that...
6. The speaker points out that the 3D printer produces...
7. I think the best thing is how the industrial sized 3D printer produces...
8. Most people agree that 3D printers are useful for...

Activity F: Research

Find a short article or video about 3D printing. Take some notes on the article or video. Then, share your notes with a classmate or in small groups.



Research Tip
Remember to use noun clauses when sharing your notes.

Try to use some of the reporting verbs from this unit.

You should be able to talk about your article or video for at least 2 minutes.

Reporting Verbs and Noun Clauses

1. In the academic lecture, the professor explained how...
2. The speaker claimed that...
3. The speaker also mentioned what...
4. The speaker described how...
5. In the video I watched, the professor claimed...

Pronunciation Skill: Syllable Count and Word Stress

Activity A: Word Type

Syllable stress can change the meaning of a word.

Listen to the following sentences do the following:

- Identify the word type
- Write the meaning of the word



Listen to Track 7

Word	Word Type	Meaning
1. Present		
2. Present		
3. Contrast		
4. Contrast		
5. Produce		
6. Produce		
7. Refuse		
8. Refuse		

Activity B: Syllable Stress

Listen to the following sentences and identify where the correct stress on the word is.



Listen to Track 8

Word	Noun	Verb
1. Present	PRES-ent	Pre-SENT
2. Present	PRES-ent	Pre-SENT
3. Contrast	CON-trast	Con-TRAST
4. Contrast	CON-trast	Con-TRAST
5. Produce	PRO-duce	pro-DUCE
6. Produce	PRO-duce	pro-DUCE
7. Refuse	REF-use	Re-FUSE
8. Refuse	REF-use	Re-FUSE

Activity C: Tongue Twisters

Read the following sentences out loud and focus on correct pronunciation. Share your readings with a classmate or in small groups.

1. The farm produces a lot of different produce, like cauliflower and carrots. I get all my produce at the farm and I love how my produce is produced.
2. If we contrast the contrasts between the two different contrasting companies, we can understand that the contrasts are indeed contrasting.
3. I don't understand how some people refuse to dispose of their refuse correctly, it's not that hard to separate refuse and I wish the companies would refuse to collect refuse if the refuse was not separated correctly.
4. I presented my present at the birthday party but the present presented was not a good present and because I presented a bad present, I need to present a better present next year.

Functional Speaking Skill – Agree or Disagree and Reporting Verbs

When you are in university you will need to do group projects with classmates. Sometimes you will be in a group with someone you have never met. You might have different ideas for what you should do in the group project.

You may need to do the following when working with others:

1. Disagree politely with people
2. Cite or reference information

Activity A: What Can I Say?

Think of different phrases you can use to agree or disagree with another student. Write the phrases in the box below. Be prepared to share your answers with the class.

Agree/Disagree with an idea

I agree

I disagree

Your Examples

Phrases for Reporting an Idea

According to

Dr. Cloud said...

Your examples

Citations and References Tips:
If you want to give a strong argument, it is important to have citations and references. You should research online and find someone or something that supports your opinion.

Activity B: Which is Which?

Listen to the eight phrases below. As you listen, decide if they are an agree/disagree phrase or a reporting verb phrase by marking the correct column.



Listen to Track 9

Number	Agree/Disagree	Reporting Phrase
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

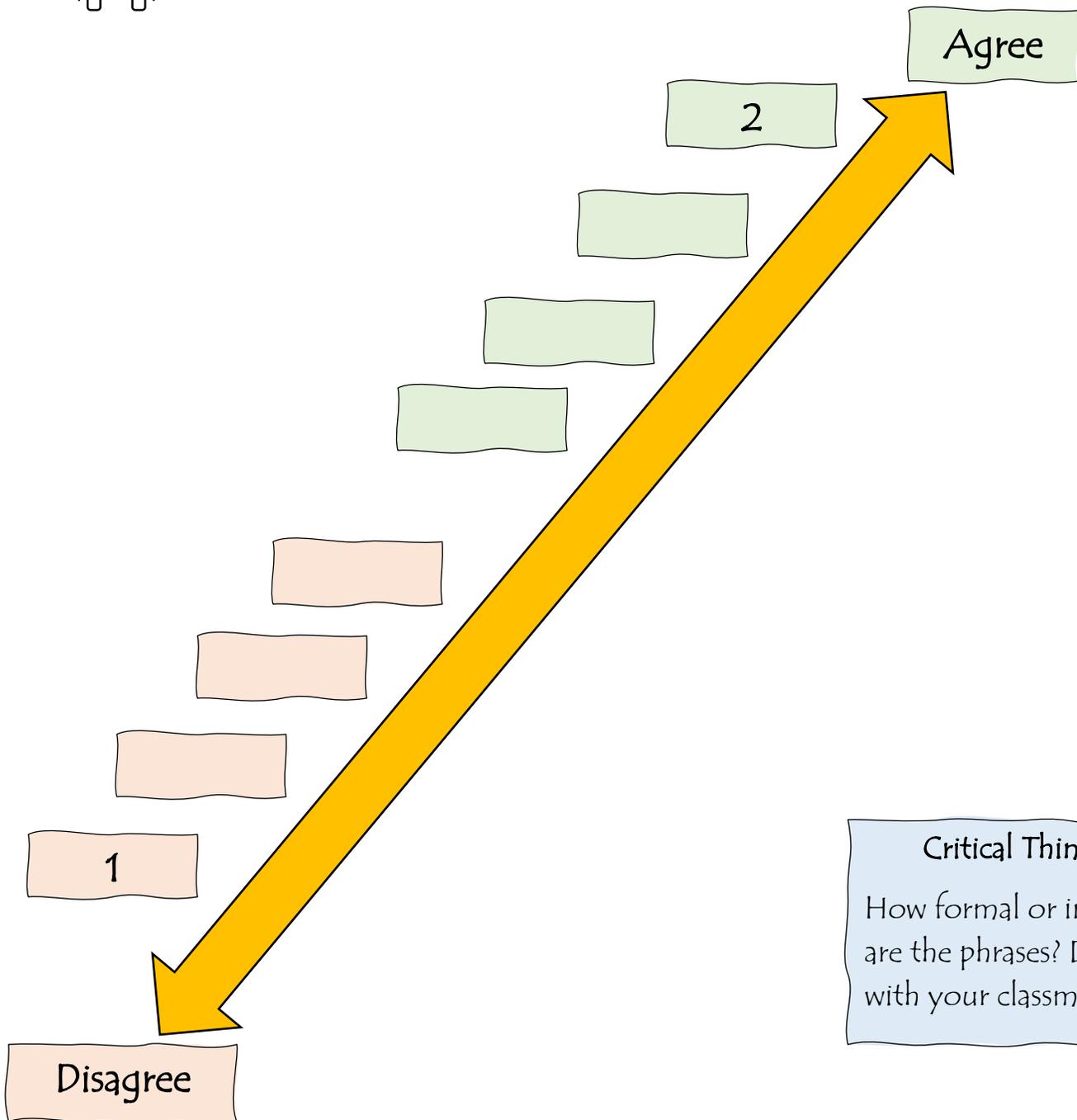


Activity C: Agree or Disagree?

Listen to the following phrases and as you listen identify if the phrases are agreeing or disagreeing phrases. Write the number of the phrase on the graph below. The first two are done for you.



Listen to Track 10



Critical Thinking
How formal or informal are the phrases? Discuss with your classmates.

Activity D

Read the following statements to a classmate or in small groups. Then your classmate(s) need(s) to respond by using one of the phrases they heard from page 25.

1. I think 3D printers should be made illegal.
2. I think we should stay up late and study all night for the exam.
3. There are no benefits to 3D printers.
4. 3D printers are a good investment. I think I'll invest all my money into 3D printers. What do you think?
5. Did you know that they are designing a 3D printed car? I think they will be great.
6. I am going to donate money to a charity that uses 3D printers to print houses. What do you think?

Language Tip

If you disagree with a person, use one of the disagreeing phrases.

After, you can use a reporting verb to give information on why you disagree.

Example

I'm not sure if I fully agree, if you look at the Kelowna library website, you can see...

Core Speaking Vocabulary

Words go together in patterns. Sometimes words go together a lot and they are known as collocations.

Some words have one collocation, we call these **strong collocations**, and some words have more than one collocation, we call these **weak collocations**.

Activity A: Useful Collocation

Each of the words below can be used in the sentences below. Read the words in the box. When you have finished, read the sentences below and insert the words from the box into the gaps. You may have more than one answer for each sentence. When you have finished, you can listen to the answers by clicking the link under number 6.

Conventional
Claimed

Commercial

Industrial
Adequate

Three-dimensional
Affordable

1. 3D printing is not your most _____ method of construction; However, it certainly is more affordable.
2. An _____ sized 3D printer could help in the building of _____ and safe homes.
3. In places where _____ housing is not available, a 3D printer could help solve homelessness.
4. There are many _____ benefits to 3D printing, too. For example, it is possible to print clothing and household utensils.
5. Dr. Smith _____ that there might be some downsides to 3D printing, like the development of weapons and the time it takes to print larger items.
6. For many, the concept of _____ objects being printed is new.

What is a collocation?

Collocation: A noticeable arrangement or conjoining of linguistic elements (Merriam-Webster)

For example, is it *make the bed*, or *do the bed*? The answer is *make*, we always *make the bed*. This is an example of a collocation.



Listen to Track 11

Activity B: Research

Using the key words from Activity A, research online and find more collocations for each of these words. Share your answers with a classmate or in small groups.

Speaking Text – 3D Printer or Something Else?

Read the following case studies and then role play one of them with a classmate.

Case 1: The library and the 3D printer

Your local library has received a grant from the government to buy some equipment for the library. Chris wants the library to purchase a 3D printer, but Emerson does not.

Chris has researched 3D printers and knows that they are expensive, but still believes the library should invest in a 3D printer.

First, Chris needs to explain how the 3D printer works, then she needs to explain how it could be beneficial for the library and the people who visit or live in the local community.

Chris and Emerson have a conversation about the 3D printer. Chris presents her reasons and opinions in a respectful way and Emerson needs to explain why she does not want the 3D printer. Each person needs to recognize the other idea in a respectful way.

By the end, Chris and Emerson need to agree on one thing: If they will or will not get a 3D printer.

Chris' list:

1. The 3D printer is easy to use.
2. The 3D printer can be used to make anything, including medical or school supplies like mask clips, ventilator equipment, or even rulers.
3. The 3D printer in a library is not uncommon and has been done before.
4. It can help children learn the technology now, because it's going to be VERY common in the future.

Emerson's List:

1. We can't make useful things with the 3D printer.
2. The 3D printer is more confusing and will take too long to learn.
3. The current set of computers and chairs are five years old.
4. Children don't need to learn about 3D printers.

Case 2: 3D Printing and Charitable Purposes

Jamie works for Charity Worldwide. Jamie's charity has been given a grant to help a community in a remote part of the world. Jamie thinks the charity should spend the grant on purchasing an industrial-sized 3D printer and teaching the locals how to use it. However, Jan thinks the grant should be spent on building wells and supplying food.

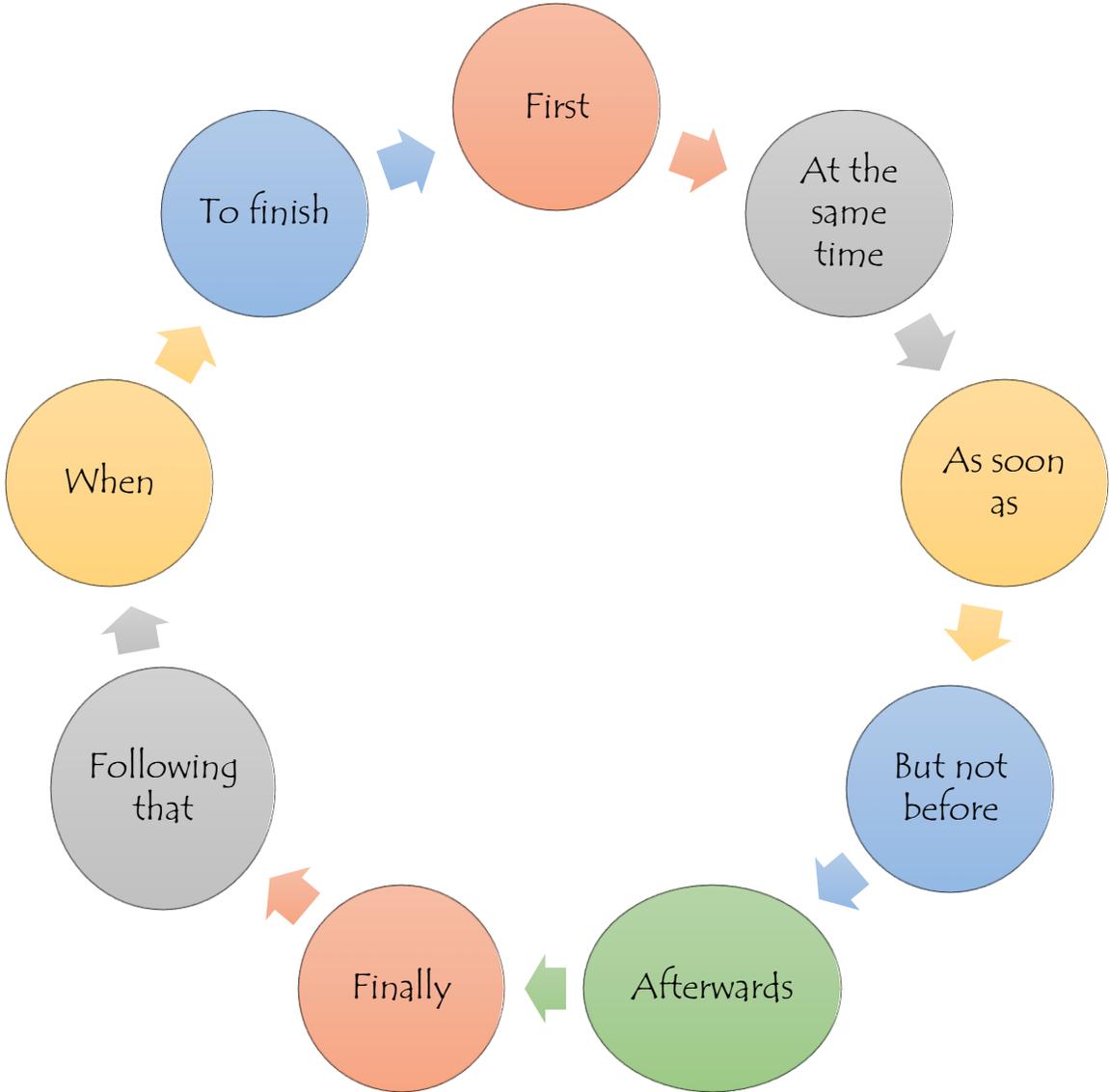
Jamie has a conversation with Jan to explain why the idea of a 3D printer is a good idea. Jamie explains how the industrial-sized 3D printer works, and then give three reasons why it is beneficial for this remote community. Jamie also tries to explain in a respectful way why the money should not be spent on wells and food. By the end, Jamie and Jan need to agree that an industrial-sized 3D printer is a good option.



Presentation Skill: Describing a Process

When giving a presentation it is important to keep it engaging. It is important to be able to give a clear and well-organized presentation that includes specific vocabulary contextually.

The table circles below give useful words to use when describing a process. These words can be used to present ideas in an organized manner, or to describe a process of how something is created or done.



Activity A: Describing Different Processes

Read and discuss the following with a classmate or in small groups. Use some of the words from page 31.

1. How to set up a movie account (like Netflix)
2. How to make a cup of coffee or a nutritional shake
3. How to bake a cake
4. How a 3D printer can be used to make a house
5. How a product is made

Activity B: Active or Passive?

Another way to keep a presentation about a process engaging is to use both active and passive sentences. Listen to the following recordings of different processes being described. Try to identify if the speaker uses the active or passive tense when describing the process. Put an X under the correct title.



Listen to Track 12

Number	Active	Passive
1		
2		
3		
4		
5		

Grammar Tip
We often use a mix of active and passive sentences when describing a process

Example:

Active: First, you download blueprints from the internet

Subject + Verb + Object
You download the blueprints.

Passive: First, blueprints are downloaded from the internet

Subject + Verb (be) + Past Participle
The blueprints are downloaded.

Grammar Tip
We use the passive tense when we do not know who did the action or when it is not important who did the action.

Activity C: Identify the Process Words

Listen to Activity B again.

Write the process words which the speakers use. Then, use some of the phrases to describe the processes in the pictures below.

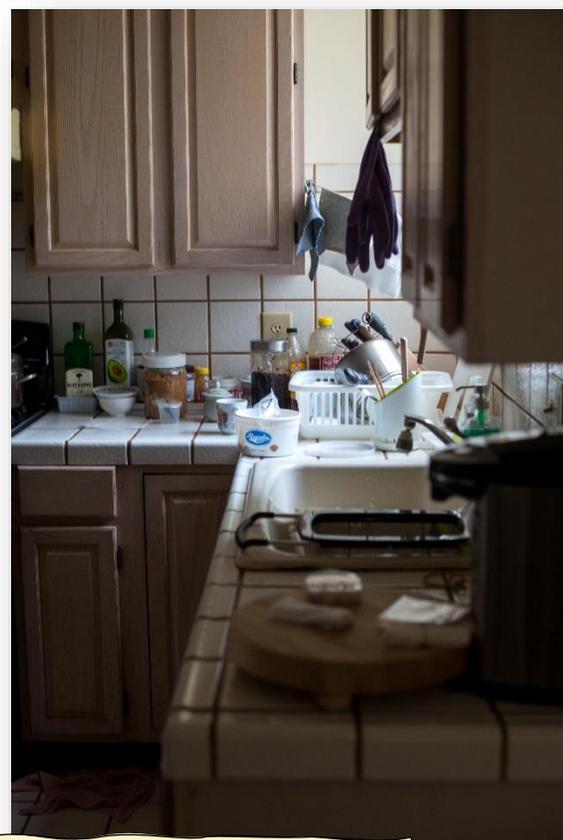
Process Words Used

- 1
- 2
- 3
- 4
- 5

Presentation Tip
In this unit we have focused on noun clauses, key process words, sources, and reporting verbs. Try to use a combination of all to deliver a powerful



Making a cup of coffee or tea



Keeping a house tidy and clean

Activity D: Role Play

Read the following situations and respond to them with a classmate or in small groups. Try to use some words or phrases from this unit.

1. 3D Printers and Housing

You believe that 3D printed houses could be the answer to homelessness and inadequate housing for lower income families. Discuss with your group why you believe this. Include three steps on how the 3D printer works and cite a relevant source.

2. 3D Printers and Household Utensils

You believe that 3D printed household utensils offer a huge variety of commercial benefits. Discuss with your group why you believe this. Include three steps on how the 3D printer works and cite a relevant source.

3. 3D Printers and Medical Devices

You believe that 3D printing can be used to create medical devices. Discuss with your group why you believe this. Include three steps on how the 3D printer works and cite a relevant source.

4. 3D Printers are Overrated

You don't believe the hype (excitement) surrounding 3D printers. Explain why you think they are not needed.

Unit Outcome

Read the following options A, B, and C. Then, prepare an answer for one of them. There are many ways to present your answer (interview, presentation, commercial, role play, advertisement, podcast, etc).

Presentation Tip
Research is important. Make sure to cite some reliable sources. Can you think of some places to get reliable sources?

A. 3D Printer and my Community Presentation

Your community has been given a grant to have a 3D printer in the local library. You need to think of three uses for the 3D printer for your own community. Develop a short presentation for your local council on three different projects you can use the 3D printer in your own community. The presentation should discuss the three projects, explain how it works, and why it is beneficial.

Make sure to include:

- Noun clauses
- Vocabulary from this unit
- Process words
- A mix of active and passive sentences
- Agree and disagree phrases

B. 3D Printer Advertisement

You work for a major 3D printing company and need to find a way to sell the 3D printer to the average household. Create an advertisement to sell the 3D printer. In your advertisement you should describe how the 3D printer works.

C. Humanitarian Presentation

You work for a Non-Governmental Organization (NGO) and want to get a grant for a 3D printer. First, think of how the NGO could use the 3D printer for a humanitarian project. Then, develop a short presentation you can deliver to a funding agency explaining your project and why your team should be given the money to develop the project.

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