



The Podcast: Presentation and Communication Skills



What are the features of a good podcast?



Start the presentation to activate live content



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Assignment

- Create a group podcast on your project topic
- Make a 3 minute audio-video podcast which features you talking about this subject (visible contribution of all group members).
- The podcast should feature you, and you can use demonstrations, models and pictures (**as long as you have copyright**).
- You will lose marks if you exceed the 3 min limit.

Marking Criteria

- **Content** - is your subject matter relevant to physics, have you got your facts right?
- **Clarity** - do you put your point across clearly without confusion?
- **Charisma** - does your passion for the subject shine through?
 - **Format** - does it feature you, demonstrate your communication skills?
 - **Length** - is it 3 minutes long $\pm 10\%$?
 - **Ingenuity** – have you managed to work out how to film, record and post a podcast?

Creating a podcast - process



Pre-production

- Planning



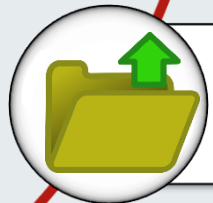
Production

- Record



Post-production

- Edit



Publishing

Pre-production

What do you think is important to consider in the planning stage in relation to the following:

1. Structure:
2. Audience:
3. Narration:

Pre-production (Planning)

What do you think is important to consider in the planning stage in relation to the following:

- 1. Structure:** intro (engaging, top loading), middle (short segments – make sure you plan the main points), outro (reiterate main point(s), finish with a strong point)
- 2. Audience:** hook (e.g. question asked at the beginning and answered at the end), engage – rhetorical questions/ humour?
- 3. Narration:** write for the ear – conversational style; varying sentence length, logical flow of information

Production - recording

1. Before you start recording your content, make sure you have **practised** what you want to say.
2. Consider recording the audio in **portions**.
3. Remember to **pause** after main points for **emphasis**.
4. If English is not your first language, check **pronunciation** of **key words/ phrases**.
5. Avoid **reading** from a script; aim for a **natural** speaking style.
6. Consider **signposting** language to help the audience identify the structure (e.g. let's look at..., to conclude...)
7. Aim for **conciseness**- avoid any irrelevant detail (that will stop you from rushing as well!)

Post-production - editing

1. Music

1. Split podcast segments with music (or special effects)
2. Make sure music complements the content
3. Have intro and outro music
4. Use 'podsafe' music/ credit the artist if possible

[Free Music Archive](#)

[Instant Music Now](#)

[Opuzz](#)

[Neosounds](#)

2. Images

1. Hand-drawn (pre-drawn or fast-track)
2. Animations/ Cartoons (e.g. [PowToon](#) free for videos of up to 3 mins in length)
3. Photos (remember about copyright)

Publishing

- Test the podcast
- Listen or watch back before you release it to the public
- Ask yourself ‘would you listen or watch this?’ This is also a last chance to check the audio quality

Example podcasts - assessment

Example Podcast	Comments
<u>Nuclear fusion</u> *	Content Clarity Charisma
<u>Microwave oven</u> *	
<u>Neutrino Oscillations</u> *	

More examples of podcasts with the mark of 70+

1. [Tabby's Star](#)
2. [On the Mysterious Origin of the Atom](#)
3. [Gravity](#)
4. [Atmospheric re-entry for the soyuz module](#)
5. [How do we make something invisible?](#)
6. [The Golden Ratio](#)
7. [Simulation Theory](#)

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