



# Science Sauce Online

*A source for free flipped learning lessons*

Flipped learning reverses the traditional classroom process of “learn it in school, practice at home”. Flipped learning involves students learning new content at home through a video, reading, listening or other activity. They then come to class with the foundation knowledge, ready to really engage with the topic. This is a flipped learning lesson with self-study materials and suggested class activities.

Resources for this lesson, including the student tasks, can be found at:

**ScienceSauceOnline.com**

Enter lesson code:

**01300**

**Lesson Topic:**

**HIV**

**Age:** 14-16

**Self study input method:** Video

**Self study task:** Question sheet

**Classwork prep time:** Near zero

## STUDENT PRE-CLASS TASK

- Watch the video: “HIV”.
- Answer the questions on the student homework task sheet.

## IN-CLASS TASKS

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**PUBLIC SERVICE ANNOUNCEMENT:** Create a radio/TV broadcast explaining what HIV is and how to avoid contracting it.

*Optionally this task could be filmed (e.g. using a smart phone) and students could get creative with their set-up. This would likely be a two-lesson activity in this case.*

Time (mins)	Students...	Teacher...
2	In groups of about 4 or 5, review answers to the homework task.	Monitors.
3	Review answers (and make corrections if necessary).	Gives answers to the student task sheet.
2	Listen to instructions and get into groups of about 3-5.	Sets the task.
5	Brainstorm ideas as to what must be included in the public service announcement.	Monitors and gives guidance/feedback.
20	Create and practice the public service announcement.	Monitors and gives guidance/feedback.
(dependent on class size)	Take it in turns presenting their announcement. Students in the audience note down a "plus-minus-replay"* for each presentation.	Observes and take notes. Gives feedback after each presentation.
5	<b>Plenary:</b> Write two "who wants to be a millionaire" style questions. Ask these to another person. (Optionally these questions can be collected and used for a review task next lesson).	Takes turns answering some of the questions.

\*The "plus-minus-replay" activities require students to write down one strength of the presentation, one weakness, and one bit of the presentation that they would like to see again (because it was very interesting or funny, for example). Time depending, teachers may allow observing students to request the performing students to replay a short part of the presentations.

## ANSWERS TO STUDENT TASK

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Answers to the student task sheet will be relatively obvious for subject teachers, and can all be found by reviewing the student self-study resources.

Answers are not published here, as these sheets are easily accessible by students. If you need clarification on any of the questions please feel free to email me and I'll get back to you ASAP.

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