



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:

01301

Lesson Topic:

IMMUNITY AND VACCINATIONS

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: “Immunity: Active vs Passive”.
- Answer the questions on the student homework task sheet.

IN-CLASS TASKS

ADVICE PAMPHLET: Create an advice pamphlet for new mothers explaining the importance of immunity for their baby (**see student information handout**). The pamphlet should contain information about:

- How immunity works, including diagrams.
- The importance of breastfeeding for immunity.
- The importance of vaccinations.

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.
5	Listen to instructions and read handout.	Explains task and shows handout.
5	Brainstorm ideas in groups of 2 to 4 as to what could be placed on the handouts.	Monitors discussions and offers suggestions.
30	Create pamphlets individually.	Monitors and offers suggestions.
10	Plenary: In pairs list 5 words that summarise immunity. Go to another pair and state their words one at a time and the other group must explain why they think that word was chosen.	Monitors discussions.

ANSWERS TO STUDENT TASK

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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