

## Key Stage 3 Homework Assignment Information



Student Name:	Target level	Year Group: <b>7</b>
---------------	--------------	----------------------

Subject	Date Set	Deadline	Teacher
Science	7 <sup>th</sup> June	21 <sup>st</sup> July	All

## A&E Unit Homework Task



As you get older, fat can make your blood vessels narrower. If a blood vessel in your brain gets blocked, you have a stroke. You could die. But we could save your life if we spotted the fat deposits on time. I have two questions for you. **Could we use MRI technology to cut deaths from strokes? What could happen if everyone over 40 had a scan every year?**

To be graded level 3, 4, 5, or 6 you need to:

**3: Explain** what an MRI scanner does.

- 4: Do everything for level 3 plus  
**Describe** one good thing and one bad thing about MRI technology.
- 5: Do everything for level 4 plus  
**Explain why** the MRI scans wouldn't help everyone.
- 6: Do everything for level 5 plus  
**Describe what might happen** if everyone over 40 had the scans. **and**  
**Explain why** some health authorities might say 'yes' to doing MRI scans on everyone over 40, while others said 'no'.

**What you have to do to succeed:**

Complete as many of the tasks as you can - aim for the highest level possible, do not limit yourself. Use what you have learnt in class to get started and use additional resources such as the internet, books and SAM learning if you need more information. Write everything in your own words and consider using diagrams to help explain your ideas. Always lay your work out neatly and check your spelling. Your homework will become part of your unit booklet.

**Resources and Websites:**

- Encyclopaedias.

**Department guidance for parents:**

You can help the student doing the homework by:

- Encouraging them to think through their ideas before they start.
- Helping them to identify how Science applies to their everyday lives.
- Check through the tasks to ensure they have done as asked and encourage them to attempt as many of the tasks as they can.

**General guidance for parents**

You can help by:

- Ensuring at least 2 hours are spent researching, developing, drafting, reviewing and producing homework to the best standard possible.
- Making sure work is handed in by the deadline.
- Noting at the end of the homework any problems experienced by the student.
- Checking there is no plagiarism, ie. downloading/copying from the

internet or books.

*Students should read the material, make bullet points, write rough notes in their own words, draft and then develop these notes in their own words into their final piece. Plagiarism leads to coursework being disqualified at GCSE/A level. Plagiarised work will not be accepted by teachers.*

**Please do not:**

- do any part of the work for your child
- give extensive guidance; the student must be able to understand the task for themselves and teachers understand what students can/cannot do.