

Computing

Homework 1

- Access Cisco Network Academy and complete the module on common cyber system threats, attacks and vulnerabilities.

Homework 2

- Access the quizizz site and answer 13 questions on IT security.

PSHE

Core Theme 1: Health and Wellbeing



- Read this page about mindfulness. Choose one new mindfulness technique to try. Did you enjoy it? How did it make you feel?

Knowledge is power. Information is liberating. Education is the premise of progress, in every society, in every family.

Kofi Annan

HOMework AUTUMN 1

Year 10



Name: _____

Tasks to be completed outside lessons or at home

English

Macbeth and An Inspector Calls

- ☐ Watch the film of Macbeth.
- ☐ Watch the An Inspector Calls documentary on YouTube.
- ☐ Find 10 facts about Shakespeare.
- ☐ Find 10 facts about Priestley.
- ☐ Design a film poster for Macbeth.
- ☐ Record a voice note of 5 key quotes from Macbeth connected to gender.

Mathematics

- ☐ Fact file for famous mathematician: [Eratosthenes](#).
- ☐ 3 x set MathsPad tasks.
 - 1
 - 2
 - 3
- ☐ Create a revision poster or flashcards on: [Angles](#).
- ☐ Find out the etymology of the following key terms: [angle](#), [degree](#), [protractor](#).
- ☐ Puzzle: [Prime Square](#)



Science

- **Biology:** Make a model of an animal and plant cell using household items.
- **Chemistry:** Use the RSC periodic table and identify uses of 10 elements.
- **Physics:** Identify six energy transfers in household items.
- **Seneca:** Complete the set tasks and explore further relevant activities if you want to.
- **Revision guide:** Complete knowledge, retrieval and practice questions in revision book.

Film Studies

Component 1 - Key Developments in US Film

Invasion of the Body Snatchers

- Create a PowerPoint exploring “The Red Scare” and “McCarthyism” in post War American society”.
- Several versions of “Invasion of the Body Snatchers” have been made over the years – write a brief report (300 –500 words) in which you list the different versions and how the film changes to fit new social contexts.
- Watch the 1978 version of Invasion of the Body Snatchers – which version of the film did you prefer? Why?

Art

- ☐ Using the starting point “natural forms”, I would like you to mind map all your ideas. You need to think about shapes, textures, colours, objects, artists etc.
- ☐ Collect images that can be used in your sketch book to support your research on natural forms.

Health and Social Care

Task 1

- ☐ Create a family tree of either your family or a celebrity's family of choice and label all of people's life stages.

Task 2

- ☐ Interview a family member about their educational experience and the impact that it had on them using the PIES.

Task 3

- ☐ Watch a programme you enjoy and analyse what life factors are happening to one of the characters and the effects of this on them.