

Lesson 5: There's no place like 127.0.0.1

Computing

Cybersecurity

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Task 1: What are the greatest cybersecurity threats?

Visit the website: oaknat.uk/comp-threatmap

Please ask a parent or carer for permission before attempting this task. Oak National Academy are not responsible for any third party content.

Use the worksheet to answer the following questions:

What are the top three targeted industries?	
What are the top three malware types?	
In the UK, which malware trend makes up the largest percentage of attacks?	



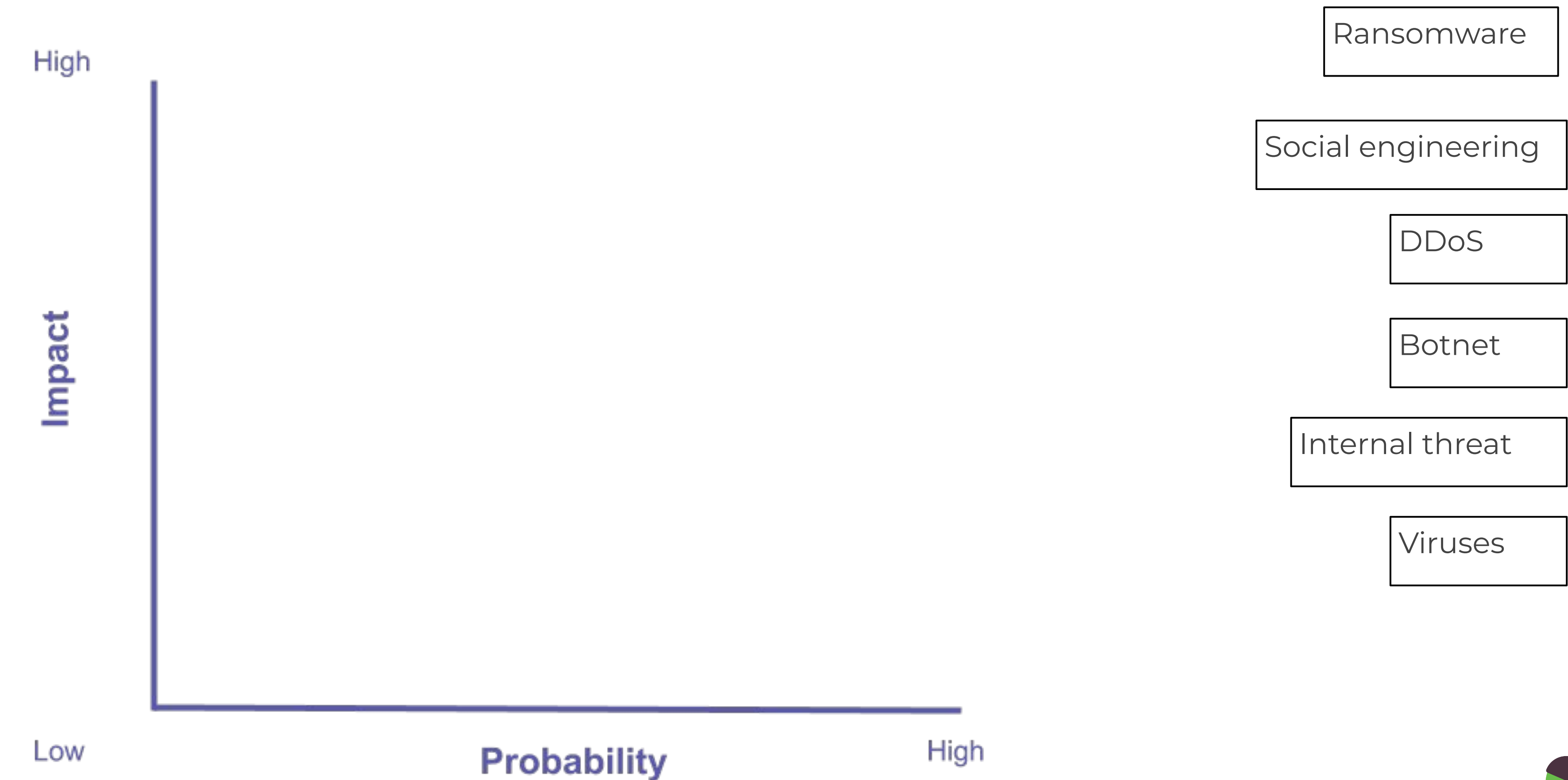
Task 2: Risk vs impact

Your school is planning its budget for the following year and wants your guidance on the risks of data loss and cyberattacks. Use the template on the next slide to plot the following threats on the graph.

Viruses, ransomware, DDoS, brute force, botnet (looking for vulnerabilities), social engineering, internal threat (learners or staff deliberately doing damage)



Task 2: Risk vs impact



Task 3: Cyberthreat report

On the following slide write a short report to the head teacher to outline:

- What you think is the most significant danger to the network
- One thing that could be implemented to reduce the probability of the school being affected

Use what you have learnt this lesson and the risk analysis graph to help you.



Task 3: Cyberthreat report

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