

# Cancer

## Student Worksheet

# 9

Use pages 44 – 55 to help you answer the following questions:

### Section one: What is cancer (pages 44–46)?

1. What part of a cell must be damaged before it becomes a cancer cell?

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2. In what ways does a cancer cell behave differently from a normal cell?

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.....

3. What results from this behaviour and what can be done about it?

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4. Why are cancer cells more likely to be found in older people than in children?

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.....

### Section two: Risk factors in cancer development (pages 46–47)

5. List three ways in which you can help to prevent getting cancer yourself:

- (i) .....
- (ii) .....
- (iii) .....

6. Give one reason why each action is preventative:

- (i) .....
- (ii) .....
- (iii) .....

**Section three: Chemotherapy (pages 48–53)**

**7. Cancer cells multiply very rapidly, and drugs which kill multiplying cells can be used to treat cancer. This is known as ‘chemotherapy’. What other parts of the body are affected by chemotherapy?**

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.....

**8. Describe how someone undergoing this treatment might appear different to you.**

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**9. From which plant was a chemical extracted for the treatment of cancer?**

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**10. What is the commonest cancer in children?**

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**11. If you took a sample of 200 children with this type of cancer today, how many would you expect to be cured?**

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**Section four: Other cancer treatments (pages 54–55)**

**12. There are many scientists working to find cures for all the different types of cancer. Describe briefly two ways in which we might be able to cure cancer in the future.**

(i) .....

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(ii) .....

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