INNOVATION – CREATIVE AND CRITICAL THINKING

Understanding thinking

Name: _____

Read the facts about creative and critical thinking and answer the questions below. Some answers will be right there for you, but others may require you to use your brain power!

1. List four examples of requirements for purposeful and productive thinking.

    1. _____

    2. _____

    3. _____

    4. _____

2. What does the idea of 'developing a problem solving mindset' mean to you?

    _____

    _____

    _____

    _____

    _____

    _____

3. Which of the following is *NOT* a tip listed to help you develop a problem solving mindset? Circle your answer.

    a. Play with the problem

    b. Work with others

    c. Make sure you keep all your ideas a secret until the end of a project

    d. Take your time

    e. Don't focus on getting the one right answer

Lower Primary	Primary	Middle Years
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4. How do you think breaking a problem into smaller parts might help you solve a difficult problem?

    _____

    _____

    _____

    _____

    _____

    _____

5. What is 'not necessarily a bad thing'?

    _____

6. List the steps in the five-step simple approach to problem solving.

    1. _____

    2. _____

    3. _____

    4. _____

7. What did Reverend John Flynn invent?

    _____

8. According to the facts, what happened in 1923?

    _____

    _____

    _____

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Lower Primary	Primary	Middle Years

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9.   Why do you think J Hagemann invented Mortein?

_____

_____

10. What invention do you think is the most important of all time and why?

_____

_____

_____

_____

_____

_____

11. In the 1870s, which two people produced the equipment that would eventually become the telephone?

1. _____

2. _____

12. What does 'IP' stand for?

_____

13. If you could invent any new product or service, what would it be and why would you invent it?

_____

_____

_____

_____