

Pattern Week – Repeating Patterns Y1/2

This week you will need

- Things to make patterns with such as stones: pasta, beads, fruit, leaves, flowers, paperclips...



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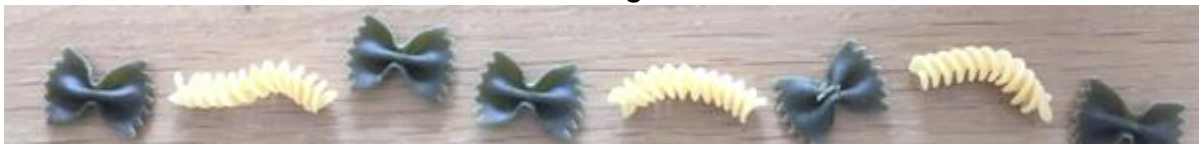
Day 1



- Look at this pattern. What can you see, what do you notice? Describe the pattern to someone.



- Look at this pattern. What can you see, what do you notice? Describe this pattern to someone.
- What is the same and what is different about the two patterns?
- These are both AB patterns because they are made using two different things that repeat; in the picture above 'Pasta, Bead' repeats. Choose two of your small things and make the same pattern.
- Now choose two different small things and make the same pattern.
- Try making the same pattern using other things such as:
 - Big things and small things
 - Two different actions, for example clapping and jumping
 - Two different noises, for example squeaking and barking
- Tell someone else about all the patterns you have made, how they are all the same and what repeats in each pattern (why they are AB patterns).
- Martin tried to make an AB pattern with his pasta shapes; can you find a mistake? What does he need to change?



Notes for adults working with groups of children

- Encourage the children to describe the patterns out loud (e.g. pasta, bead, pasta, bead etc.) and to identify the part that is repeated (pasta, bead). This is why it is an AB pattern because the repeat is made up of two elements, each occurring once.

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Day 2



- Look at this pattern. What can you see, what do you notice? Describe the pattern to someone.



- Look at this pattern. What can you see, what do you notice? Describe this pattern to someone.
- What is the same and what is different about the two patterns?
- These are both ABC patterns because they are made using three different things that repeat; in the picture above 'Cherry, Leaf, Pasta' repeats. Choose three of your small things and make the same pattern.
- Now choose three different small things and make the same pattern.
- Try making the same pattern using other things such as:
 - Three different actions, for example clapping, jumping and nodding
 - Three different noises, for example squeaking, roaring and barking
- Tell someone else about all the patterns you have made, how they are all the same and what repeats in each pattern (why they are ABC patterns).
- Ella tried to make an ABC pattern with her small things; can you find a mistake? What does she need to change?



Notes for adults working with groups of children

- Encourage the children to describe the patterns out loud (e.g. cherry, leaf, pasta, cherry, leaf, pasta etc.) and to identify the part that is repeated (cherry, leaf, pasta,). This is why it is an ABC pattern because the repeat is made up of three elements, each occurring once.

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Day 3



- Look at this pattern. What can you see, what do you notice?
Describe the pattern to someone.



- Look at this pattern. What can you see, what do you notice?
Describe this pattern to someone.
- What is the same and what is different about the two patterns?
- These are both ABB patterns because they are made using two different things that repeat in the way that 'Bead, Pasta, Pasta' repeats.
- Choose two of your small things and make the same pattern.
- Now choose two different small things and make the same pattern.
- Try making the same pattern using other things such as:
 - Two different actions
 - Two different noises
- Tell someone else about all the patterns you have made, how they are all the same and what repeats in each pattern (why they are ABB patterns).
- Megan tried to make an ABB pattern with her small things; can you find a mistake? What does she need to change?



Notes for adults working with groups of children

- Encourage the children to describe the patterns out loud (e.g. bead, pasta, pasta, bead, pasta, pasta etc.) and to identify the part that is repeated (bead, pasta, pasta,). This is why it is an ABB pattern because the repeat is made up of two elements, the first occurring once and the second twice.

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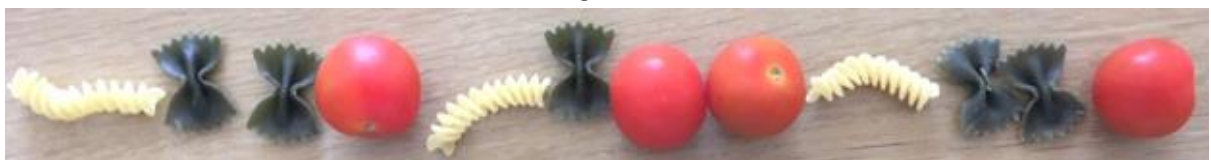
Day 4



- Look at this pattern. What can you see, what do you notice?
Describe the pattern to someone.



- Look at this pattern. What can you see, what do you notice?
Describe this pattern to someone.
- What is the same and what is different about the two patterns?
- These are both ABBC patterns because they are made using three different things that repeat in the way that 'Leaf, Bead, Bead, Pasta' repeats.
- Choose three of your small things and make the same pattern.
- Now choose some different small things and make the same pattern.
- Try making the same pattern using other things such as:
 - Three different actions
 - Three different noises
- Tell someone else about all the patterns you have made, how they are all the same and what repeats in each pattern (why they are ABBC patterns).
- David tried to make an ABBC pattern with his small things; can you find a mistake? What does he need to change?



Notes for adults working with groups of children

- Encourage the children to describe the patterns out loud (e.g. leaf, bead, bead, pasta, leaf, bead, bead, pasta, etc.) and to identify the part that is repeated (leaf, bead, bead, pasta,). This is why it is an ABBC pattern because the repeat is made up of three elements, the first occurring once, the second twice and the third once.

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Day 5

- Look at this this ABB pattern. What can you see, what do you notice?
- Choose some of your small things and make a ring with the same pattern. Make a bigger ring with the same pattern.



- Matt tried to make a ring with an ABB Pattern; can you find a mistake? What does he need to change?

- Look at this this ABC pattern. What can you see, what do you notice?
- Choose some of your small things and make a ring with the same pattern. Make a bigger ring with the same pattern.



- Caitlin tried to make a ring with an ABC pattern; can you find a mistake? What does she need to change?

Notes for adults working with groups of children

- Support the children to make sure their pattern repeats all the way around the ring – they may find they need to adjust the size of the ring to make this work.

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