

<u>Year 4 Computing Knowledge</u> <u>Organiser</u> Algorithms and Programming



1. animation - gives movement to drawings, models, or inanimate objects. Animated motion pictures and television shows are highly popular forms of entertainment.

2. repetition – doing the same thing again and again

3. frame – one small image in an animation

4. event - tells your program to "listen" for something to happen and then react right away

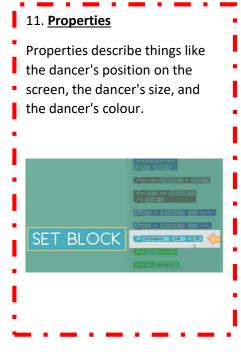
5. decomposing- Breaking a problem into parts and then solving the parts separately

6. opinion - Someone's' view on something

7. fact - Something which is true

8. bias – agreeing or disagreeing with an idea in an unfair way

9. logical reasoning – using rules to solve a problem



## 10. Frames

Every dance move is made up of a series of images called frames. Each frame is slightly different from the one before it. When your program runs, the computer shows one frame after another. They're shown so fast that it looks like the dancer is moving. This is the secret behind all animation.



Blocks	
Vorld Dancers Properties Events	make a new cat v at top v set background effect make 6 v new bears v in a circle v
	in a circle v layout bears v as a grid v center v
	all do (Next) C ← C forever
	all begin size following bass
	all v alternate every 2 measures between Body Roll v and Clap High v