



A Selection of Maths Programmes/Videos to support Talk and Discussion in Maths

This list represents only a selection of the many programmes and videos available to support mathematics teaching. It is advised that teachers obtain a selection of catalogues before choosing but most importantly listen to what other teachers have to say about certain titles. PCSP does not specifically recommend or endorse any commercial product.

These can provide:

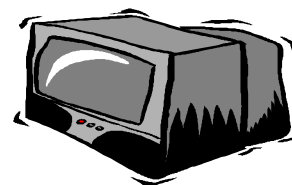
- A stimulus for talk and discussion about a particular math topic.
- A medium which is very child friendly, and which does not discriminate against children who have reading difficulties.
- Experience of Maths in a variety of environments.
- A means to embed a concept in a variety of alternative contexts which may not be practical otherwise.
- Linkage and integration
- Encouragement for children to watch similar programmes at home.

How to use this TV programmes and videos

- Use occasionally
- Be sure of the content/objectives of each video
- Use only when relevant, not as a reward or way to occupy class for a period.
- Planning: need for a notebook to describe accurately the content of each video; relevant to what strand(s), suitable for what class levels, and a video count to pinpoint exact location of each excerpt. (*Remember: If I am teaching Ratio in 5th Class, I need to be able to see at a glance, if there is video resources in the school to support the children's learning of this concept.*)
- What extra resources, if any, are available to accompany the programmes?
- Rarely to be shown in a complete broadcast, but with the aid of the zapper, pausing at critical sections. Sometimes this can provide children with time to predict what might happen next or to connect prior knowledge with what is happening on screen.
- Be used like a library book, signed out and back in.
- School may decide to purchase a selection of Maths videos each year, rather than the logistics of constantly recording from the TV.

Note: Always try to keep a master copy in the event of damage and keep the heads of the video recorder clean by frequent use of a head cleaner.

Educational Programmes & Audio-visual Resources available for Mathematics :



<u>Prog:Name</u>	<u>Suitable for</u>	<u>available from</u>
▪ Numbertime	ages 4 – 7	BBC
▪ Number Adventures	ages 5 – 7	BBC
▪ Megamaths	ages 7 – 9	BBC
▪ Square 1 TV	ages 9 – 12	BBC
▪ Maths Everywhere		
▪ Maths Challenge	ages 9 – 11	BBC
▪ Mathsphere	ages 9 – 12	
▪ NumbersPlus
▪ TimesTables (Carol Vorderman)	ages 8 – 10	Video Collection International
▪ The Number Crew	ages 5 – 7	Ch.4
▪ Star Maths	ages 7 – 9	Ch.4
▪ Maths Mansion	ages 9 – 11	Ch.4
▪ ‘Help your child with Maths’

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Resource Addresses :
BBC

Channel 4

(Note : some of the Math series mentioned above may not be broadcast this year, but may be back on the screens next year)