

Aberfoyle Park High School

Teachers

Ms Kate Berry	Science & Maths Coordinator APHS
Ms Shannyn Siemens	Science & Maths Teacher APHS
Mr Jack Grover	Science & Maths Teacher APHS
Miss Jennifer Schinnick	Science & Maths Teacher APHS
Mrs Alyce Spicer	Science & Maths Teacher APHS
Ms Delphine Cantin	Science & Maths Teacher APHS
Ms Donna Riordan	Science & Maths Teacher APHS
Ms Katrina Holmes	Science & Maths Teacher APHS

Time:

Arrive at **3.45pm** for a 4pm start

Finishes **5.00pm**

Enter through Taylors Rd Gate (see map above)
We will meet you outside the Front Office.

Application forms are available from our website:

<http://www.aphs.sa.edu.au>

For Further Information contact:

Mr Jarrod Chave

Assistant Principal: Innovative STEM Futures

Aberfoyle Park High School

Jarrod.Chave@aphs.sa.edu.au

Aberfoyle Park High School



BRIGHT SPARKS SCIENCE CLUB



A program for gifted students



2017

Aberfoyle Park High School
Taylors Rd
Aberfoyle Park 5159

Ph: 8270 4455

Bright Sparks Science Club for talented Year 6 Students

Students will have the opportunity to solve a range of scientific problems through the use of inquiry methodology and problem based learning activities at Aberfoyle Park High School.

Students will work collaboratively with others to extend their knowledge and understanding using scientific language to communicate their findings.



	[H ⁺]	pH	Common examples
Acids	1×10^0	0	Hydrochloric acid
	1×10^{-1}	1	Stomach acid
	1×10^{-2}	2	Lemon juice
	1×10^{-3}	3	Vinegar
	1×10^{-4}	4	Soda (carbonic acid)
	1×10^{-5}	5	Rainwater
Neutral	1×10^{-6}	6	Milk
	1×10^{-7}	7	Pure water
Bases	1×10^{-8}	8	Egg whites
	1×10^{-9}	9	Baking soda
	1×10^{-10}	10	Antacid
	1×10^{-11}	11	Ammonia
	1×10^{-12}	12	Quicklime (calcium hydroxide)
	1×10^{-13}	13	Drain cleaner
	1×10^{-14}	14	Lye (sodium hydroxide)

When:

- Session 1: Thursday 17th August (Wk4)
- Session 2: Thursday 31st August (Wk 6)
- Session 3: Thursday 7th August (Wk7)
- Session 4: Thursday 14th September (Wk 8)
- Session 5: Thursday 21st September (Wk 9)

The last session will be a "Show & Tell" where parents are invited to stay and see what their child has been learning over the past few weeks.

Non Negotiables

Wear closed shoes (sneakers are fine but no sandals)

Long hair must be tied back; no dangly jewelry.

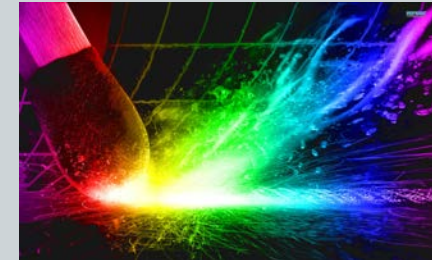
We must receive completed application / medical form before you start.

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Program

Chemistry

Investigate, Identification, Chemicals, Molecules, Periodic Table, Atoms, Ions, Electrons.
If these terms excite you then this is the program for you.



Topics that may be explored:

- Distillation
- Filtration
- Acids & Bases
- Electrical Conductivity
- Chromatography
- Environmental Sustainability

