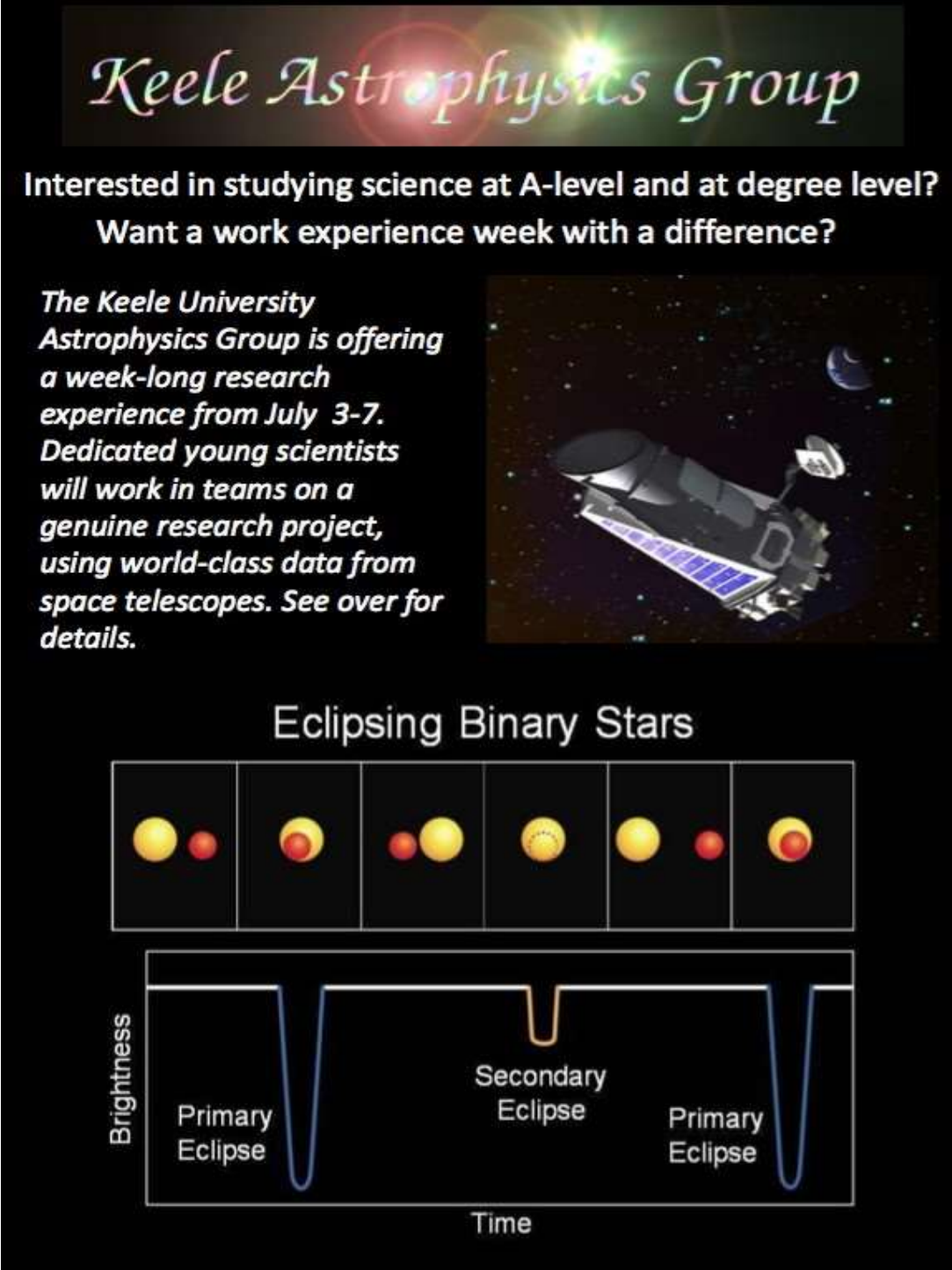


Achievements Update
27th February - 3rd March 2017

Astrophysics Work Experience

The students highlighted below have secured places on the Astrophysics Research Experience programme at Keele University from the 3rd to the 7th July. We hope they have a fantastic experience, and many thanks to Mrs Wagg for forwarding the information.

Harrison Lee, Charley Harold, Dan Flaherty and Zaib Shamsi.

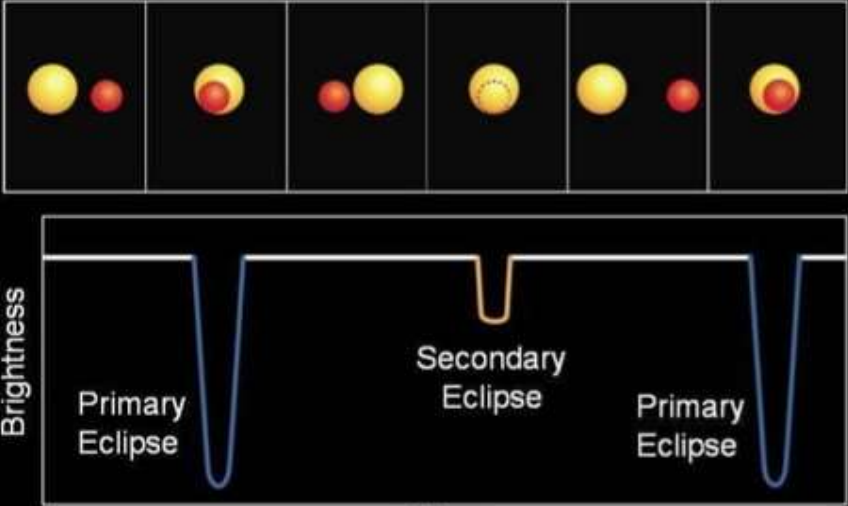


Keele Astrophysics Group

**Interested in studying science at A-level and at degree level?
Want a work experience week with a difference?**

The Keele University Astrophysics Group is offering a week-long research experience from July 3-7. Dedicated young scientists will work in teams on a genuine research project, using world-class data from space telescopes. See over for details.

Eclipsing Binary Stars



The diagram illustrates the six stages of an eclipsing binary star system. The top row shows six panels of two stars (one yellow, one red) in various positions relative to each other. The bottom row shows a light curve graph with 'Brightness' on the y-axis and 'Time' on the x-axis. The graph features three dips: a deep 'Primary Eclipse' (blue), a shallow 'Secondary Eclipse' (orange), and another deep 'Primary Eclipse' (blue).

Football Success - Under 13's City Cup

Trentham High School 10 - 3 St. Margaret Ward Catholic College

Well done to the under 13's football team that beat St. Margaret Ward on Tuesday afternoon. With both teams having to contend with the elements and a heavy pitch, the standard of football remained high. In a very close first half, Trentham edged proceedings with a lead of 4 - 3. Trentham then pulled out the stops in the second half and scored six unanswered goals. Ben Weston also saved a penalty! Goal scorers on the evening were Eden Bailey (5), Tom Day (2), Patryk Mazurkiewicz (2) and Danny Sanders (1).

Well done lads and best of luck in the next round.

Rugby 7's Tournament



On Thursday afternoon, Trentham High School entered two teams into the City Under 14's Rugby Sevens Tournament. Unfortunately City representation was weak but this didn't detract from the standard of rugby on display. With both teams playing in a league system, they both beat St. Joseph's 'Black' Team. This set up an interesting tie with St. Joseph's 'Red' team for both the Trentham outfits.

Unfortunately the St. Joseph's team proved too strong for both Trentham teams. This meant that Trentham finished 2nd and 3rd in the competition.

And Finally...

Top performers for Merits this week:

Well done to Eden Bailey (DJMA), Palveen Dhillon (CJGI) and Thomas Dudley (DOAN), on achieving the most Merits this week (7). Well done to the 505 students who managed to get one or more Merit. The students who were awarded 4 or more Merits are highlighted below. Keep up the good effort.

| | | | |
|-----------|-------------------|------|---|
| Eden | Bailey | DJMA | 7 |
| Palveen | Dhillon | CJGI | 7 |
| Thomas | Dudley | DOAN | 7 |
| Sarah | Aldulaimy | GEBA | 6 |
| Connah | Boult | CCAI | 6 |
| Isabel | Edwards | CNRO | 6 |
| Enya | Hammond | PDAB | 6 |
| Alicia | Johnson | CCAI | 6 |
| Megan | Knight | SMPA | 6 |
| Aimee | Mulroy | CSHA | 6 |
| Louisa | Palmer | PDAB | 6 |
| Tyler | Pedley | SLGR | 6 |
| Jessica | Proctor | DJWT | 6 |
| Chloe | Armstrong Simcock | PNJA | 5 |
| Emily | Astley | CJGI | 5 |
| Olivia | Ball | SJJO | 5 |
| Tom | Bill | DFHI | 5 |
| Ellie | Bloomer | SKOE | 5 |
| Charlotte | Burt | PEWA | 5 |
| Daniel | Collins | CSHE | 5 |
| Jessica | Denby | SMPA | 5 |
| Katie | Donaldson | CJGI | 5 |
| Lauren | Hembrow | DJWT | 5 |
| Ruby | Hurni-Heath | DJWT | 5 |
| Jessica | Minshull | SKOE | 5 |
| Josh | Mood | CSHA | 5 |
| Evie | Pearce | PABO | 5 |
| Ryan | Roberts | PIHU | 5 |
| Zaib | Shamsi | PDAB | 5 |
| Simran | Thiara | PDAB | 5 |
| Maddie | Bayley | GJBL | 4 |
| Lucy | Brown | SJJO | 4 |

| | | | |
|-----------|-----------------|------|---|
| Fletcher | Cotton | PYOC | 4 |
| Ebony | Davies | GEBA | 4 |
| Lucy | Dennis | SEHA | 4 |
| Libby | Finney | SLGR | 4 |
| Courtney | Fletcher-Norman | SJAR | 4 |
| Charley | Harold | SLGR | 4 |
| George | Hughes | GLGA | 4 |
| Wiktorija | Jablonska | GSEM | 4 |
| Emily | Jones | GSEM | 4 |
| Joshua | King | GLGA | 4 |
| Chloe | Lewis | DFHI | 4 |
| Sophie | McCausland | SJJO | 4 |
| Parsa | Mirshamsi | GCRH | 4 |
| Jaden | Pennant | DMRO | 4 |
| Tehniyat | Shahid | DFHI | 4 |
| Charlotte | Trevor | SKOE | 4 |
| Emily | Warrellow | PIHU | 4 |
| Declan | Williams | SLGR | 4 |
| Joshua | Wilson | PNJA | 4 |
| Millie | Wright | DOAN | 4 |