

| Home Team | Result | Away Team | Date | Time | Status |
|------------------|---------------|------------------|---------------|-------------|---------------|
| West Leeds | ½ - 7½ | Doncaster | Sat 24 Sep 16 | 19:00 | OU |
| Wakefield B | 1 - 7 | Doncaster | Sat 8 Oct 16 | 19:30 | OU |
| Doncaster | 5 - 3 | Harrogate C | Sat 29 Oct 16 | 19:30 | OV |
| Doncaster | 6½ - 1½ | York RI D | Sat 10 Dec 16 | 19:30 | OU |
| Doncaster | 0 - 0 | Alwoodley B | Sat 28 Jan 17 | 19:30 | OU |
| Harrogate C | 0 - 0 | Doncaster | Sat 4 Feb 17 | 19:00 | OU |
| Doncaster | 0 - 0 | West Leeds | Sat 25 Feb 17 | 19:30 | OU |
| York RI D | 0 - 0 | Doncaster | Sat 25 Mar 17 | 19:30 | OU |
| Alwoodley B | 0 - 0 | Doncaster | Sat 1 Apr 17 | 19:00 | OU |
| Doncaster | 0 - 0 | Wakefield B | Sat 22 Apr 17 | 19:30 | OU |