

# Star Cards, Page 1

STUDENT RESOURCE 7.4

ACTIVITY SHEET

Star Name: SunConstellation: NoneDistance from Earth: 8.5 light-minutesColor: yellowTemperature: 6,000 KApparent Magnitude: -26.5Star Name: AlnitakConstellation: Orion, the HunterDistance from Earth: 817 light-yearsColor: blueTemperature: 31,000 KApparent Magnitude: 1.7Star Name: Na'ir al SaifConstellation: Orion, the HunterDistance from Earth: 1,325 light-yearsColor: blueTemperature: 31,500 KApparent Magnitude: 2.8Star Name: MintakaConstellation: Orion, the HunterDistance from Earth: 916 light-yearsColor: blueTemperature: 25,000 KApparent Magnitude: 2.3Star Name: AlnilamConstellation: Orion, the HunterDistance from Earth: 1,340 light-yearsColor: blue-whiteTemperature: 25,000 KApparent Magnitude: 1.7Star Name: BellatrixConstellation: Orion, the HunterDistance from Earth: 243 light-yearsColor: blue-whiteTemperature: 21,500 KApparent Magnitude: 1.6

# Star Cards, Page 2



Star Name: Rigel

Constellation: Orion, the Hunter

Distance from Earth: 773 light-years

Color: blue-white

Temperature: 11,000 K

Apparent Magnitude: 0.2

Star Name: Betelgeuse

Constellation: Orion, the Hunter

Distance from Earth: 427 light-years

Color: red

Temperature: 3,100 K

Apparent Magnitude: 0.5

Star Name: Saiph

Constellation: Orion, the Hunter

Distance from Earth: 2,105 light-years

Color: blue-white

Temperature: 26,000 K

Apparent Magnitude: 2.1

Star Name: Procyon

Constellation: Canis Minor, Small Dog

Distance from Earth: 11 light-years

Color: yellow-white

Temperature: 6,600 K

Apparent Magnitude: 0.4

Star Name: Gomeisa

Constellation: Canis Minor, Small Dog

Distance from Earth: 170 light-years

Color: blue-white

Temperature: 11,500 K

Apparent Magnitude: 2.9

Star Name: Aludra

Constellation: Canis Major, Great Dog

Distance from Earth: 3,200 light-years

Color: blue-white

Temperature: 13,500 K

Apparent Magnitude: 2.5

# Star Cards, Page 3

STUDENT RESOURCE 7.4

ACTIVITY SHEET

Star Name: AdharaConstellation: Canis Major, Great DogDistance from Earth: 431 light-yearsColor: blue-whiteTemperature: 20,000 KApparent Magnitude: 1.5Star Name: SiriusConstellation: Canis Major, Great DogDistance from Earth: 8.6 light-yearsColor: whiteTemperature: 9,800 KApparent Magnitude: -1.4Star Name: MirzamConstellation: Canis Major, Great DogDistance from Earth: 500 light-yearsColor: blue-whiteTemperature: 22,000 KApparent Magnitude: 2.0Star Name: WezenConstellation: Canis Major, Great DogDistance from Earth: 1,790 light-yearsColor: yellow-whiteTemperature: 6,200 KApparent Magnitude: 1.8Star Name: AlhenaConstellation: Gemini, the TwinsDistance from Earth: 105 light-yearsColor: whiteTemperature: 9,200 KApparent Magnitude: 1.9Star Name: CastorConstellation: Gemini, the TwinsDistance from Earth: 52 light-yearsColor: whiteTemperature: 9,800 KApparent Magnitude: 1.6

# Star Cards, Page 4

STUDENT RESOURCE 7.4

ACTIVITY SHEET

**Star Name:** Pollux**Constellation:** Gemini, the Twins**Distance from Earth:** 34 light-years**Color:** orange**Temperature:** 4,500 K**Apparent Magnitude:** 1.2**Star Name:** Mirfak**Constellation:** Perseus**Distance from Earth:** 592 light-years**Color:** yellow-white**Temperature:** 7,000 K**Apparent Magnitude:** 1.8**Star Name:** Zeta Perseus**Constellation:** Perseus**Distance from Earth:** 980 light-years**Color:** blue-white**Temperature:** 23,000 K**Apparent Magnitude:** 2.8**Star Name:** Algol**Constellation:** Perseus**Distance from Earth:** 3,230 light-years**Color:** blue-white**Temperature:** 12,500 K**Apparent Magnitude:** Varies: 2.1 to 3.3**Star Name:** Miram**Constellation:** Perseus**Distance from Earth:** 1,330 light-years**Color:** orange**Temperature:** 6,500 K**Apparent Magnitude:** 3.8**Star Name:** Capella**Constellation:** Auriga, the Charioteer**Distance from Earth:** 42 light-years**Color:** yellow**Temperature:** 5,000 K**Apparent Magnitude:** 0.1

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Star Name: Menkalinan

Constellation: Auriga, the Charioteer

Distance from Earth: 82 light-years

Color: white

Temperature: 9,200 K

Apparent Magnitude: 1.9

Star Name: Almaaz

Constellation: Auriga, the Charioteer

Distance from Earth: 2,040 light-years

Color: yellow-white

Temperature: 7,800 K

Apparent Magnitude: 3.0

Star Name: Sadatoni

Constellation: Auriga, the Charioteer

Distance from Earth: 787 light-years

Color: orange

Temperature: 3,950 K

Apparent Magnitude: 3.7

Star Name: Aldebaran

Constellation: Taurus, the Bull

Distance from Earth: 65 light-years

Color: orange

Temperature: 4,000 K

Apparent Magnitude: 0.9

Star Name: Alcyone

Constellation: Taurus, the Bull

Distance from Earth: 368 light-years

Color: blue-white

Temperature: 13,000 K

Apparent Magnitude: 2.9

Star Name: Alnath

Constellation: Taurus, the Bull

Distance from Earth: 131 light-years

Color: blue-white

Temperature: 13,600 K

Apparent Magnitude: 1.7

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## Blank Star Cards

Use blanks to make identification cards for your favorite stars.

Star Name: \_\_\_\_\_

Constellation: \_\_\_\_\_

Distance from Earth: \_\_\_\_\_

Color: \_\_\_\_\_

Temperature: \_\_\_\_\_

Apparent Magnitude: \_\_\_\_\_

Star Name: \_\_\_\_\_

Constellation: \_\_\_\_\_

Distance from Earth: \_\_\_\_\_

Color: \_\_\_\_\_

Temperature: \_\_\_\_\_

Apparent Magnitude: \_\_\_\_\_

Star Name: \_\_\_\_\_

Constellation: \_\_\_\_\_

Distance from Earth: \_\_\_\_\_

Color: \_\_\_\_\_

Temperature: \_\_\_\_\_

Apparent Magnitude: \_\_\_\_\_

Star Name: \_\_\_\_\_

Constellation: \_\_\_\_\_

Distance from Earth: \_\_\_\_\_

Color: \_\_\_\_\_

Temperature: \_\_\_\_\_

Apparent Magnitude: \_\_\_\_\_

Star Name: \_\_\_\_\_

Constellation: \_\_\_\_\_

Distance from Earth: \_\_\_\_\_

Color: \_\_\_\_\_

Temperature: \_\_\_\_\_

Apparent Magnitude: \_\_\_\_\_

Star Name: \_\_\_\_\_

Constellation: \_\_\_\_\_

Distance from Earth: \_\_\_\_\_

Color: \_\_\_\_\_

Temperature: \_\_\_\_\_

Apparent Magnitude: \_\_\_\_\_