



Athletics

Swimming in Conroe ISD

400+

student swimmers currently

Currently

9-10 swimmers
per lane

Safety Implications

Too many swimmers crowded into same lane causes collisions and injuries

Overcrowded lanes create slow moving workouts and does not allow for proper training to take place.

Ideal -4 or less swimmers

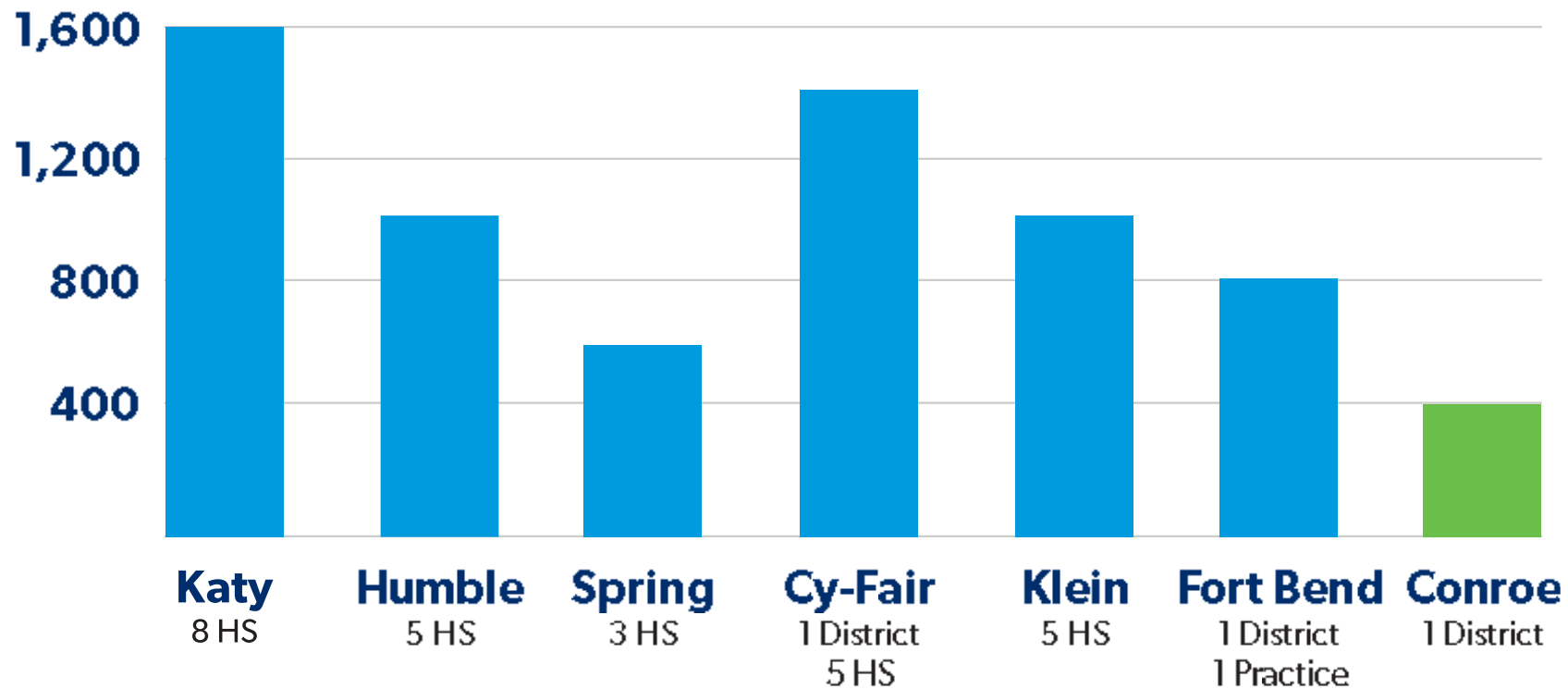
Manageable -5-6 swimmers

Excessive -7 or more swimmers



Area District Water Comparison

(lane meters of water)



Events



| Number of Events | |
|------------------|--|
| 2017-18 | 53 |
| 2018-19 | 53 (<i>Grand Oaks HS opens</i>) |
| 2019-20 | 73 |
| 2020-21 | 71 |
| 2021-22 | 121 (<i>Water Polo added by the UIL</i>) |
| 2023-24 | 130+ projected |

Since the Natatorium opened in 2008, Conroe ISD has grown by adding Caney Creek and Grand Oaks High Schools. Water Polo has been added as a UIL Sport in that time as well. **All of which have increased the need for pool time within our programs**



2022-2023

| | Monday | | | | | Tuesday | | | | | Wednesday | | | | | Thursday | | | | | Friday | | | | | Saturday | | | Sunday | | | | | |
|----------------------|-------------|------|------|------|------|-------------|------|------|------|------|-------------|------|------|------|------|-------------|------|------|------|------|-------------|------|------|------|------|-------------|-----|-----|--------|--|--|--|--|--|
| | W/P | E/P | D/W | | | W/P | E/P | D/W | | | W/P | E/P | D/W | | | W/P | E/P | D/W | | | W/P | E/P | D/W | W/P | E/P | D/W | W/P | E/P | D/W | | | | | |
| 5:00 AM to 5:30 AM | Open & Prep | | | | | Open & Prep | | | | | Open & Prep | | | | | Open & Prep | | | | | Open & Prep | | | | | | | | | | | | | |
| 5:30 AM to 6:00 AM | | | | | WMS | | | | | | | | | | WMS | | | | | | | | | | | | | | | | | | | |
| 6:00 AM to 6:30 AM | CISD | CISD | CISD | CISD | WMS | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | WMS | | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | WMS | | | | | | | | | | |
| 6:30 AM to 7:00 AM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | CISD | | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | CISD | | Open & Prep | | | | | | | | |
| 7:00 AM to 7:30 AM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | CISD | | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | CISD | | | | | | | | | | |
| 7:30 AM to 8:00 AM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | CISD | | CISD | CISD | CISD | TWST | CISD | CISD | CISD | CISD | CISD | | | | | | | | | | |
| 8:00 AM to 8:30 AM | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | | | | | | | | | |
| 8:30 AM to 9:00 AM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:00 AM to 9:30 AM | WSW | WSW | CISD | CISD | | WSW | WMS | CISD | CISD | | WSW | WSW | CISD | CISD | | WSW | WMS | CISD | CISD | | WSW | WSW | CISD | CISD | | | | | | | | | | |
| 9:30 AM to 10:00 AM | WSW | WSW | CISD | CISD | WDA | WSW | WMS | CISD | CISD | WDA | WSW | WSW | CISD | CISD | | WSW | WMS | CISD | CISD | WDA | WSW | WSW | CISD | CISD | WDA | | | | | | | | | |
| 10:00 AM to 10:30 AM | WSW | WSW | CISD | CISD | WDA | WSW | WSW | CISD | CISD | WDA | WSW | WSW | CISD | CISD | | WSW | WSW | CISD | CISD | WDA | WSW | WSW | CISD | CISD | WDA | | | | | | | | | |
| 10:30 AM to 11:00 AM | WSW | WSW | WSW | WSW | WDA | WSW | WSW | WSW | WSW | WDA | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | WDA | WSW | WSW | WSW | WSW | WDA | | | | | | | | | |
| 11:00 AM to 11:30 AM | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | | | | | | | | | |
| 11:30 AM to 12:00 PM | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | WSW | WSW | WSW | WSW | | | | | | | | | | |
| 12:00 PM to 12:30 PM | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | | | | | | | | | |
| 12:30 PM to 1:00 PM | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | WMS | WMS | WSW | WSW | | | | | | | | | | |
| 1:00 PM to 1:30 PM | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | | | | | | | | | |
| 1:30 PM to 2:00 PM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | | | | | | | | | |
| 2:00 PM to 2:30 PM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | | | | | | | | | |
| 2:30 PM to 3:00 PM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | | | | | | | | | |
| 3:00 PM to 3:30 PM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | | | | | | | | | |
| 3:30 PM to 4:00 PM | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | CISD | | | | | | | | | |
| 4:00 PM to 4:30 PM | | | | | WDA | | | | | WDA | | | | | WDA | | | | | WDA | | | | | | | | | | | | | | |
| 4:30 PM to 5:00 PM | | | | | WDA | | | | | WDA | | | | | WDA | | | | | WDA | | | | | | | | | | | | | | |
| 5:00 PM to 5:30 PM | | | | | WDA | | | | | WDA | | | | | WDA | | | | | WDA | | | | | | | | | | | | | | |
| 5:30 PM to 6:00 PM | TWST | TWST | TWST | TWST | WDA | TWST | TWST | TWST | TWST | WDA | TWST | TWST | TWST | TWST | WDA | TWST | TWST | TWST | TWST | WDA | TWST | TWST | TWST | TWST | WDA | | | | | | | | | |
| 6:00 PM to 6:30 PM | | | | | WDA | | | | | WDA | | | | | WDA | | | | | WDA | | | | | | | | | | | | | | |
| 6:30 PM to 7:00 PM | | | | | WDA | | | | | WDA | | | | | WDA | | | | | WDA | | | | | | | | | | | | | | |
| 7:00 PM to 7:30 PM | H2o | TWST | WMS | TWM | TWM | H2o | TWST | WMS | TWM | TWM | H2o | TWST | WMS | TWM | TWM | H2o | TWST | WMS | TWM | TWM | | | | TWM | TWM | TWM | | | | | | | | |
| 7:30 PM to 8:00 PM | H2o | TWST | WMS | TWM | TWM | H2o | TWST | WMS | TWM | TWM | H2o | TWST | WMS | TWM | TWM | H2o | TWST | WMS | TWM | TWM | | | | TWM | TWM | TWM | | | | | | | | |
| 8:00 PM to 8:30 PM | H2o | | | TWM | TWM | H2o | | | TWM | TWM | H2o | | | TWM | TWM | H2o | | | TWM | TWM | | | | TWM | TWM | TWM | | | | | | | | |
| 8:30 PM to 9:00 PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:00 PM to 9:30 PM | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | Maintenance | | | | | | | | | | | | | |

Legend

Vacant time-slots

WSW

Wellness Swimming

CISD

Conroe ISD

TWST

The Woodlands Swim Team

WMS

Woodlands Masters Swim Team

H2o

Houston Water Polo

WDA

The Woodlands Diving Academy

TWM

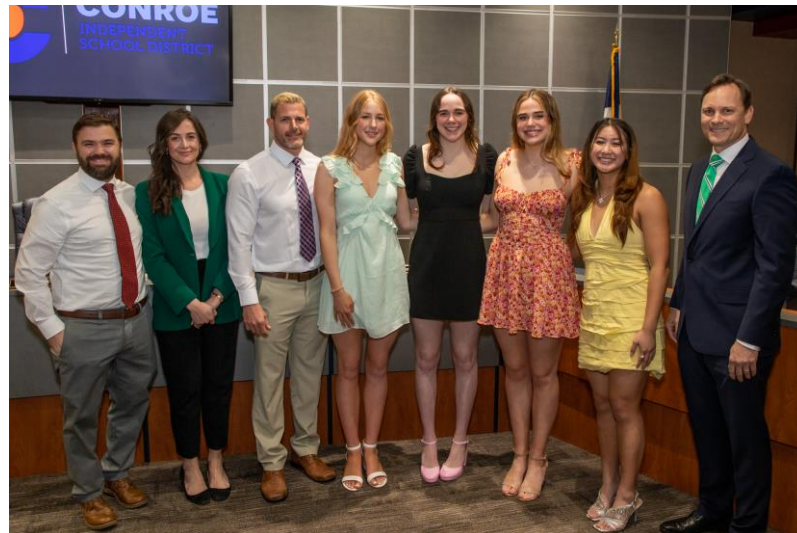
The Woodlands Marlins

Our Programs



Arguably the strongest swim/dive multi-district program in the State.

We had developed a system in the day-to-day operations that allows for District teams, community, and area club teams to all use the facility. However, now with the added growth of the District, that is no longer the case.



Need for Water Space

We are now faced with the need to rent outside pool space for our programs or to start cutting participation from our students that desire to be in these programs.

There is simply not enough room for our teams to practice in the Natatorium.

- Swim practice is twice per day
- Junior Varsity practices in the morning, Varsity in the afternoon
- The practices are bookended in the school day to allow for transportation time from school to the facility, and back.
- Many of the swimmers also come back after school to swim/practice with their Club team.



Benefits



Benefits of an Outdoor Pool

- 8-lane/50-meter pool
- Adequate practice space for high school teams
- Can be converted to 20 short course/25-yard lanes
- Allows all 6 high school teams the opportunity to practice at the same time
- Allows all teams to practice water polo without interfering with swim practice space





Natural Turf vs. Synthetic Turf

| | NATURAL GRASS | SYNTHETIC TURF |
|---|---|---|
|  PLAYING TIME | 650-800 hours of play per year with rest between heavy play and inclement weather | Unlimited hours of play per year with no rest required |
|  MAINTENANCE | Requires mowing, watering, seeding, fertilizing, pesticides, and aeration which increases labor costs | Requires cleaning and topping off infill levels periodically through the life cycle |
|  REVENUE GENERATION | Less opportunities for events due to the rest time required between play time or inclement weather | Can be used 24/7/365 for sports, community events or other revenue generating activities |
|  ENVIRONMENTAL ADVANTAGES | Preserves natural environment of the soil and vegetation while sequestering carbon and releasing oxygen, requires no pesticides | Promotes water conservation 440,000-1,000,000 gal. per year depending on climate and soil conditions and requires no pesticides |
|  ROI | Costs less for the initial installation with slower ROI as a result of limited hours for usage and increased maintenance costs | Pays for itself faster due to facility rentals and lower maintenance costs |
|  COMMUNITY USE | Cannot withstand heavy use for multiple sports and events on one field | Will allow for multiple sports and events on one field |
|  LAND UTILIZATION | Use can be limited due to necessary rest time | Can achieve more use with the same amount of space |

Natural Turf vs. Synthetic Turf



Baseball & Softball Turf

| EXPENSE | GRASS | SYNTHETIC |
|--|---------------|---------------|
| Initial Installation/ Re-Crown & Re-Sod | \$350,000 | \$3.5 Million |
| Maintenance Labor | \$27,000/year | \$12,500/year |
| Equipment | \$4,000/year | \$0 |
| Fertilizer | \$8,000/year | \$0 |
| Top Seed | \$5,500/year | \$0 |
| Water (varies by location) | \$15,000/year | \$0 |
| Line Paint | \$3,500/year | \$0 |
| Total Annual Cost | \$63,000/year | \$12,500/year |

Overview

| Item | Estimated Cost |
|--|-----------------|
| Outdoor Pool | \$ 10.5 M |
| Wilkinson Natatorium Systems Refurbishment | 2.5 M |
| Baseball and Softball Turf (5 campuses) | 17.5 M |
| Total | \$30.5 M |



